



True / False

- Q1. To be computer literate, you must be able to write computer programs.
- Q2. You can be a computer literate even though you are not a programmer.
- Q3. Though it has a keyboard, the CRT can only perform output operations.
- Q4. The information centre is a company's primary resource for the development of full - scale information systems.
- Q5. Business data processing is handled by a unit separate from user groups in many businesses.
- Q6. A printer is an example of one of the four computer components. Known as output.
- Q7. A microsecond is 1000 times longer than a nanosecond.
- Q8. The greatest amount of available computing capacity is dedicated to the information systems/data processing category of computer usage.
- Q9. The transmission of data from a microcomputer to a mainframe computer is called uploading.
- Q10. A business computer system is designed to generate information by simulating logical systems.
- Q11. Artificial intelligence is that area of research that uses computers to simulate human capabilities.
- Q12. The rate at which you can learn more about computers is accelerated once you gain a basic understanding of computers.
- Q13. A supervisory position does not involve planning.
- Q14. The need to count was developed only a few years ago, following the development of the computer.
- Q15. Maintaining an accurate control of inventory was a problem faced by shepherds in ancient times.
- Q16. The computer presents no threat of impersonalization in a business of personal transactions.
- Q17. Computer personnel require no special training.
- Q18. Volume represents how often data is needed and received from the computer.
- Q19. Computers can suffer from fatigue and boredom.
- Q20. Computer programs receive little or no testing before they are accepted and regularly run on the computer.
- Q21. Most computer-related errors are the result of improperly prepared data.
- Q22. The efficiency of the computer provides management with tighter control over a business.
- Q23. Instructions given in a program do not define any actions for the computer.
- Q24. All data processing systems must provide for the input, processing and output of data.
- Q25. A file may be defined as an ordered collection of data.
- Q26. Controls are applied to the input data, but they cannot be employed to check the accuracy of the results of processing.
- Q27. The collection of data represents the gathering of output data.
- Q28. The computerized processing of data can only be applied to the field of business.
- Q29. The data processing department is composed of the operations, data control.
- Q30. The computer operator is nearly a button pusher and, as such, requires no knowledge of the computer.
- Q31. The keyputer operator's job is operationally the same as the computer operator's job.
- Q32. Time-sharing students concurrently employ the computer to process their programs.
- Q33. A handwritten application is an example of a source document.
- Q34. Softcopy is a term applied to multiple pages of computer-printed report.

- Q35 Batch processing involves the accumulation and processing of data at regular intervals.
- Q36 In real-time processing, data contained in a computer file is immediately
- Q37 The terms software and softcopy describe the same nonpermanent output.
- Q38 Leased line do not permit online communications between a user and a computer system.
- Q39 The data entry clerk and data clerk titles are interchangeable and describe the same position within the operations area.
- Q40 The CPU provides the capacity to perform all processing operations within the computer system.
- Q41 Business person should understand data processing to communicate well with computer personnel and for using computers.

# INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT

EXAM - -----

## PAPER - OM-1

Time:- 2 Hour

Max Mark's:-70

### True / False

- Q1 John V. Atanasoff's invention of the computer in 1933 is considered one of the significant events in history.
- Q2 Herman Hollerith first used his tabulating machine for automated data processing at the U.S. Bureau of the Census.
- Q3 The first patent for an electronic digital computer was awarded to John V. Atanasoff for the ABC computer.
- Q4 The ENIAC was developed to compute trajectory tables for the U.S. Army.
- Q5 The Mark I was IBM's first electronic digital computer.
- Q6 If the number of computer applications continues to grow at present rate, our computer-independent society will be dependent on computers by the year 2000.
- Q7 ENIAC was the first programmable computer.
- Q8 Second generation computers were faster than first generation computers but bulkier than them.
- Q9 Herman Hollerith was a great mathematician.
- Q10 Computers are programmable calculators.
- Q11 The pocket calculator currently being used in India (Japanese Sharp, NELCO) is a computer.
- Q12 The basic computing unit in a micro computer is transistor flip-flop.
- Q13 Computer does not have more intelligence than a cockroach.
- Q14 The battery operated pocket calculator may be considered as a limited purpose digital computer.
- Q15 The first electronic computer used transistor.
- Q16 The abacus is still useful for adding numbers.
- Q17 The standard punched card is composed of only 10 rows and 80 columns.
- Q18 The digit rows are defined as the 2,3,4,5,6,7,8 and 9 rows.
- Q19 The Hollerith code has a unique code configuration for each character.
- Q20 The special character slash (/) is composed of an O-Zone punch and a 1-digit punch.
- Q21 The alphabetic character T is composed of an O-Zone punch and a 3-digit punch.
- Q22 The unit record concept refers to the use of two cards to record the data related to one transaction.
- Q23 The verifier is used to punch data onto a card.
- Q24 Card processing represents one of the slowest forms of data processing.
- Q25 The storage of cards is expensive but does not require large amounts of space.
- Q26 The reproducer and the interpreter perform essentially the same function.
- Q27 The BCD code configuration for the character G is composed of the B, A, 4, 2 and 1 bits.
- Q28 The decision data 8010 and the IBM 029 have the same operational.
- Q29 The validation and the verification of data are the same checking procedures performed via the keypunch.
- Q30 The merging operation involves the combining of two card files and the selection of card data common to both files.
- Q31 The 96-column card can be used on EAM equipment.
- Q32 Cost savings associated with minicomputers result solely from their use of smaller CPUs.
- Q33 The three classes of minicomputers are mini-scale systems, medium-scale systems, and maxi-minicomputer systems.
- Q34 Some maxi-minicomputer systems fall into the category of medium-scale computer systems.
- Q35 Different models of computers can be compared using the three classifications of computer systems.
- Q36 Large-scale computer systems are not restricted to batch-processing operations and can perform all types of online processing.

- Q37 Maxi-minicomputer systems possess the capability to concurrently support the online access of data from a disk file and the weekly processing of a payroll.
- Q38 Except for large-scale computers, supercomputers are the largest and most expensive types of computers.
- Q39 Concurrent batch processing and online processing are possible in all minicomputer systems.
- Q40 Magnetic tape cassettes are the same size as conventional tape reels and provide an effective means of sequential storage.
- Q41 Compilers employed with minicomputer systems are classified as applications software.
- Q42 ROM memory enables data to be read from and stored in every one of its storage areas.
- Q43 Data is stored in minicomputers using the ASCII and ROM computer codes.
- Q44 Modules composed of chips can be added to minicomputer systems to increase their operational capabilities.
- Q45 Microcomputer systems may be used in homes as well as offices.
- Q46 Word processing operations are restricted to the computerization of clerical task and do not permit output distribution throughout an organization.
- Q47 Plotters are not available for microcomputer systems.
- Q48 Microcomputers are not programmed like conventional computers.
- Q49 Minicomputers are task-oriented.
- Q50 The contents of ROM are easily changed.
- Q51 Monolithic IC is a complete circuit requiring no add-ons.
- Q52 A silicon chip is the same thing as the silicon wafer.
- Q53 Metallization of an IC means covering it with a fine layer of conducting aluminum.
- Q54 Logic gates and flip-flop are examples of linear ICs.
- Q55 A silicon wafer can contain up to 1000 chips.
- Q56 Electronic watches and calculations use digital ICs.

### INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT

EXAM - -----

#### PAPER - OM-1

<b>Name</b>	<div style="display: flex; justify-content: space-around; height: 20px;"> <span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span> </div>	<b>Enroll. No.</b>	<div style="display: flex; justify-content: space-around; height: 20px;"> <span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span><span></span> </div>
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**Time:-** 2 Hour

**Max Mark's:-70**

#### Multiple Choice Questions

- Q1 Which of the following does not describe one or more characteristics of a computer ?
- |  |                                       |
|--|---------------------------------------|
| (a) electronic                           | (b) external storage                  |
| (c) stored program                       | (d) program modification at execution |
| (e) all of the above are characteristics |                                       |
- Q2 The CPU (central processing unit) consists of:
- |  |
|--|
| (a) input, output, and processing                            |
| (b) control unit, primary storage, and secondary storage     |
| (c) control unit, arithmetic-logic unit, and primary storage |
| (d) input, processing, and storage                           |
| (e) none of the above  |
- Q3 Which of the following is not an advantage of stored programs?
- |   |                                    |
|---|------------------------------------|
| (a) reliability   | (b) reduction in operational costs |
| (c) ability of the computer to operate at electronic speeds |                                    |
| (d) the computers becoming general-purpose                  |                                    |
| (e) all of the above are advantages                         |                                    |
- Q4 All of the following are examples of input devices except:

- (a) COM (Computer Output Micro film) (b) CRT (Cathode Ray Tube)  
 (c) optical scanners (d) voice-recognition devices  
 (e) all of the above are input devices
- Q5 Which of the following is not true of primary storage?  
 (a) it is a part of the CPU (b) it allows very fast access to data  
 (c) it is relatively more expensive (d) information must be transferred to primary storage  
 (e) all of the above are true
- Q6 What is the control unit's function in the CPU?  
 (a) to decode program instructions (b) to transfer data to primary storage  
 (c) to perform logical operations (d) to store program instructions  
 (e) none of the above
- Q7 The ascending order of a data hierarchy is:  
 (a) bit-byte-record-field-file-database (b) byte-bit-field-record-file-database  
 (c) byte-bit-record-file-field-database (d) bit-byte-field-record-file-database  
 (e) none of the above
- Q8 Which of the following is not true of immediate processing?  
 (a) it is often used in real time applications  
 (b) it can occur with either sequential or direct-access files  
 (c) it can be used in an airline-reservation system  
 (d) transactions are processed shortly after a real-world event occurs  
 (e) all of the above are true
- Q9 Electronic spreadsheets are most useful in a situation where relatively \_\_\_\_\_ data must be input, and (but) \_\_\_\_\_ calculations are required.  
 (a) little, simple (b) large, simple  
 (c) large, complex (d) little, complex
- Q10 Which of the following statements is true?  
 (a) the smart approach to using computers is to write programs.  
 (b) knowledge of the system development life-cycle is not important to operators who use computers without programming  
 (c) hands-on exposure to the computer is not helpful to those who write programs  
 (d) personal computers have been an important contributing factor in the movement toward using computers without programming.  
 (e) None of the above
- Q11 \_\_\_\_\_ is the product of data processing.  
 (a) data (b) information (c) software  
 (d) a computer (e) none of the above
- Q12 The most common input device used today is the \_\_\_\_\_.  
 (a) motherboard (b) central processing unit (c) keyboard  
 (d) system unit (e) semiconductor
- Q13 Software instructions intended to satisfy a user's specific processing needs are called \_\_\_\_\_.  
 (a) systems software (b) a microcomputer (c) documentation  
 (d) applications software (e) all of the above
- Q14 Which of the following is not a factor when categorizing a computer?  
 (a) amount of main memory the CPU can use  
 (b) capacity of the storage device  
 (c) cost of the system (d) where it was purchased (e) speed of the output device

- Q15 Which of the following is the most powerful type of computer?
- (a) supermicro (b) superconductor (c) microcomputer  
(d) supercomputer (e) megaframe
- Q16 What of the following terms is related to a monitor?
- (a) screen (b) monochrome monitor (c) RGB monitor  
(d) video display (e) all of the above
- Q17 Which kind of storage device can be carried around ?
- (a) hard disk (b) system cabinet (c) diskette  
(d) main memory (e) motherboard
- Q18 Which of the following people probably has the least amount of technical knowledge?
- (a) programmer (b) user (c) systems analyst  
(d) computer operator (e) computer professional
- Q19 Which of the following devices allows the user to add components and capabilities to a computer system?
- (a) storage device (b) keyboard (c) system boards  
(d) diskettes (e) expansion slots
- Q20 Which of the following terms applies to communication between separate computer systems?
- (a) computer literacy (b) power supply (c) applications software  
(d) connectivity (e) none of the above
- Q21 People typically interface with a computer-based system when:
- (a) information must be output (b) data must be input  
(c) information must be reviewed  
(d) the computer needs a direction (or instruction) in order to process data
- Q22 The following typically happens in the output phase of a computer based information system:
- (a) data is put into the computer for processing  
(b) information is produced in hardcopy and /or softcopy form  
(c) mathematical calculations are performed  
(d) the computer is turned off  
(e) all of the above
- Q23 Which of the following best describes a computer-based information system.
- (a) a system in which a compute is used to turn data into information  
(b) inputting data (c) processing data  
(d) performing complex mathematical calculations  
(e) data is put into the computer for processing
- Q24 Which of the following is an example processing activities?
- (a) classifying (b) summarizing (c) performing calculations  
(d) sorting (e) all of the above
- Q25 Which of the following pieces of hardware is used the most in the input phase of a computer-based information system?
- (a) Printer (b) diskette (c) monitor  
(d) keyboard (e) main memory
- Q26 Which of the following statements best describes the batch method of input?
- (a) data is processed as soon as it is input  
(b) data is input at the time it is collected  
(c) data is collected in the form of source documents, place into groups, and them input to the computer  
(d) source documents are not used

- (e) none of the above
- Q27 Which of the following might occur when an organization uses on-line processing?
- (a) data is acted on immediately (b) master files are updated immediately  
(c) output is produced without delay (d) all related files are updated  
(e) all of the above
- Q28 The principal advantage of the centralized approach to organizing a computer facility is:
- (a) cost-effectiveness (b) processing activities are easier to coordinate  
(c) processing activities are easier to control  
(d) processing standards can be enforced (e) all of the above
- Q29 Which of the following is not a type of computer facility?
- (a) decentralized (b) centralized (c) de-distributed  
(d) distributed (e) None of the above
- Q30 Which of the following is not used in the storage phase of a computer based information system?
- (a) magnetic (b) keyboard (c) diskette  
(d) hard disk (e) None of the above
- Q31 Data System management has long-term viability as a separate business function because
- (a) it requires much technical knowledge (b) it requires large investments  
(c) specialists in data systems cannot be integrated into a marketing or manufacturing organization  
(d) an integrated database accessible to all requires independent management  
(e) None of the above
- Q32 To be information, data must be
- (a) factual (b) relevant (c) News  
(d) all of the above (e) None of the above
- Q33 A teleprocessing system may be a
- (a) computer system (b) data communication system  
(c) card processing system (d) all of the above  
(e) None of the above
- Q34 Data management systems may be implemented as
- (a) System software (b) application software (c) computer programs  
(d) all of the above (e) none of the above
- Q35 A data system for calculating measures used in statistical inference is an example of a
- (a) teleprocessing system (b) data management system (c) computing system  
(d) all of the above (e) none of the above
- Q36 Strategic planning is
- (a) planning operations (b) supervising (c) problem identification  
(d) all of the above (e) none of the above
- Q37 An example of providing supervisory information by the use of teleprocessing technique is
- (a) use of a computer to prepare customer invoices  
(b) use of a computer to control a machine  
(c) use of phone system to report job status  
(d) all of the above (e) none of the above
- Q38 An example of providing supervisory information by the use of computing system is
- (a) use of computer to prepare customer invoices  
(b) use of computer to plan shapes to be cut from sheet of steel

- (c) use of phone to report job status  
(d) all of the above (e) none of the above
- Q39 For the purposes of defining data needs, a responsibility area is  
(a) marketing (b) administration (c) personnel  
(d) all of the above (e) none of the above
- Q40 Data system for planning are often called  
(a) decision analysis systems (b) planning analysis systems  
(c) decision support systems (d) all of the above (e) none of the above
- Q41 Computing systems can be effective in generating strategic information because  
(a) the future can be predicted from the pattern of the past  
(b) they require managers to clarify their thinking about their plans and future possibilities  
(c) they give management access to a large database  
(d) all of the above (e) none of the above
- Q42 Coded entries which are used to gain access to a computer system are called  
(a) Entry codes (b) passwords (c) security commands  
(d) Codeword's
- Q43 Electronic images of people speaking that are used in computer security operations are referred to as  
(a) voiceprints (b) Password images (c) vocal passwords  
(d) electronic prints
- Q44 A factor which might cause an individual to consider using a computer in criminal activities is  
(a) the computer's access to large sums of money  
(b) the speed with which the crime can be accomplished  
(c) EFTS (Electronic Funds Transfer System)  
(d) all of the above
- Q45 The repeated access of a particular flight number from an airline reservation system is an example of  
(a) frequency (b) repetitive processing  
(c) updating (d) volume
- Q46 A factor which would strongly influence a businessperson to adopt a computer is its  
(a) Accuracy (b) reliability  
(c) speed (d) all of the above
- Q47 The total number of messages handled by a computerized telephone system on a daily basis is an example of  
(a) frequency (b) updating  
(c) volume (d) all the above
- Q48 Which of the following statements is true?  
(a) the installation of computer is favorably received by all employees  
(b) some form of training is necessary for employees who will work with computers  
(c) computers are portrayed solely as society's benefactor  
(d) a business person is only interested in the computer's accuracy
- Q49 The average cost of computerized theft is estimated at  
(a) \$20,000 (b) \$100,000  
(c) \$500,000 (d) \$1,000,000
- Q50 The status of all data handled by a DP center is determined by a :  
(a) data number (b) control number  
(c) reference number (d) item number
- Q51 The individual within the operating group who ordinarily uses a variety of keyboard devices is the



- (a) data clerk (b) keypunch operator  
(c) data entry clerk (d) computer operator
- Q52 The daily processing of corrections to customer accounts best exemplifies the processing mode of  
(a) batch processing (b) real-time processing  
(c) time-sharing (d) offline processing
- Q53 Which of the following terms could be used to describe the concurrent processing of computer programs, via CRTs, on one computer system?  
(a) time-sharing (b) online processing  
(c) interactive processing (d) all the above processing
- Q54 The unit of hardware an operator uses to monitor computer processing is the  
(a) card reader (b) CPU  
(c) line printer (d) console
- Q55 The individual who catalogs storage media is the  
(a) data clerk (b) control clerk  
(c) tape librarian (d) all of the above
- Q56 The data processing job expected to further decrease in the 1990s is that of  
(a) keypuncher (b) data entry clerk  
(c) computer operator (d) programmer
- Q57 Which of the following statements is true?  
(a) analysts usually work alone and sometimes as part of a team  
(b) most systems projects are completed in 6 to 12 weeks  
(c) an analyst's primary concern is the development of software  
(d) analysts evaluate data flow through and organization
- Q58 The computer device primarily used to provide hardcopy is the  
(a) CRT (b) line printer  
(c) computer console (d) card reader
- Q59 The term interchangeable with control clerk is  
(a) data clerk (b) data control clerk  
(c) tape librarian (d) data entry clerk
- Q60 In computer terminology, information means  
(a) raw data (b) data in more useful or intelligible form  
(c) alphanumeric data (d) program
- Q61 Data processing is  
(a) the same thing as data collection (b) similar to computer programming  
(c) mostly associated with commercial work (d) akin to data coding
- Q62 Which one of the following can read data and convert them to a form that a computer can use  
(a) logic (b) storage (c) control  
(d) input device (e) output device
- Q63 Which one of the following can produce the final product of machine processing in a form usable by humans  
(a) logic (b) storage (c) control  
(d) input device (e) output device
- Q64 The term "memory" applies to which one of the following  
(a) logic (b) storage (c) control  
(d) input device (e) output device
- Q65 List of detailed instructions that directs a computer is called which one of the following.  
(a) logic (b) storage (c) control

- (d) input device (e) output device
- Q66 A computer program consists of  
 (a) a completed flowchart (b) algorithms  
 (c) algorithms written (d) discrete logical steps
- Q67 In computer terminology a compiler means  
 (a) a person who computes source programs  
 (b) the same thing as a programmer  
 (c) key punch operator  
 (d) a program which translates source program into object program
- Q68 A source program is the program writer in \_\_\_\_\_ language  
 (a) English (b) symbolic (c) high-level (d) machine
- Q69 A program written in machine language is called \_\_\_\_\_ program  
 (a) assembler (b) object (c) computer (d) machine
- Q70 A computer programmer  
 (a) does all the thinking for a computer (b) can enter input data quickly  
 (c) can operate all types of computer equipment (d) can draw only flowchart
- Q71 Most of the errors blamed on computers are actually due to  
 (a) programming errors (b) hardware fatigue  
 (c) defects in floppy disks (d) data entry errors
- Q72 An integrated circuit (IC) is  
 (a) a complicated circuit (b) an integrating devices  
 (c) much costlier than a single transistor (d) fabricated on a tiny silicon chip
- Q73 What is the most significant difference between a simple desk calculator and computer? Choose from the following (that some of the following may not even be true).  
 (a) the computer is an electronic machine while the desk calculator may or may not be electronic  
 (b) the computer is useful in business applications while the desk calculator is not  
 (c) the computer can print its result, while the desk calculator can only show it on a display  
 (d) the computer is controlled by a program stored in its memory while calculator require step-by-step manual control  
 (e) one has to know the method of calculation while using a calculator but a computer user can depend upon the computer to choose the method automatically
- Q74 A visual display unit or terminal (which is right)  
 (a) is, by definition, a dumb terminal  
 (b) can possess either graphic or alphanumeric capabilities, but not both  
 (c) must be located at the site of the CPU  
 (d) is the most popular input device used today in direct-access processing
- Q75 The languages in which computer programs are usually written differ from the language that the computer directly 'obeys' or 'understands'. who performs the translation?  
 (a) the card reader (b) the programmer  
 (c) the computer operator (d) a computer program  
 (e) a special hardware translator
- Q76 The basic components of a modern digital computer are  
 (a) central processor (b) input device  
 (c) output device (d) all of the above
- Q77 Arithmetic and Logic Unit (ALU) are called the ..... of a computer.  
 (a) heart (b) master dispatcher  
 (c) primary memory (d) all of the above

- Q78 A typical modern computer uses  
 (a) magnetic cores for secondary storage (b) LSI chips  
 (c) magnetic tapes for primary memory (d) more than 10,000 vacuum tubes
- Q79 A ADU is used as  
 (a) input device (b) output device  
 (c) voice data entry device (d) both (a) and (b)
- Q80 Computer memory  
 (a) performs all calculations (b) receives input data  
 (c) is extremely limited (d) is better than human memory
- Q81 The central processor of a modern digital computer consists of  
 (a) control unit (b) primary memory (c) all of the above
- Q82 Control unit is often called the \_\_\_\_\_ of a digital computer  
 (a) nerve centre (b) (master dispatcher)  
 (c) clock (d) all of the above
- Q83 A CPU's processing power is measured in  
 (a) IPS (b) CIPS  
 (c) MIPS (d) nano-seconds
- Q84 Which of the following is a part of the central processing unit  
 (a) keyboard (b) printer  
 (c) tape (d) arithmetic logic unit
- Q85 A collection of eight bits is called  
 (a) byte (b) word  
 (c) record (d) file
- Q86 The retrieval of information from the computer is defined as  
 (a) collection of data (b) data retrieval operations  
 (c) output (d) data output collection
- Q87 A term associated with the comparison of processing speeds of different computer systems is  
 (a) EFTS (b) MPG  
 (c) MIPS (d) CPS
- Q88 A computer enthusiast is  
 (a) user friendly (b) a hacker (c) a computerize
- Q89 Which of the following require large computer memory  
 (a) imaging (b) graphics (c) voice  
 (d) all of the above (e) none of the above
- Q90 What is the term which represents the use of links between information of all sorts whether text, graphics, video or audio-based.  
 (a) Hypertext (b) Hypermedia (c) HyperCard  
 (d) Wildcard
- Q91 What hardware was used by first generation computers  
 (a) transistors (b) ICs (c) Valves  
 (d) SSI (e) VLSI
- Q92 Who observed, "future wars will start in the circuits of computers rather than in the minds of men"?  
 (a) Joseph Weienbaum (b) General Alexander Haig  
 (c) Arthur C. Clarke (d) Duncan Camp hell
- Q93 General purpose computers are those that can be adopted to countless uses simply by changing its  
 (a) keyboard (b) printer (c) program  
 (d) display screen (e) none of the above

- Q94 The Santa Clara Valley near Palo Alto, California is popularly known as Silicon Valley of America because
- (a) huge deposits of silicon are found there (b) many silicon chip manufacturing firms are located there  
(c) Santa Claus visits it every Christmas (c) it is full of large grain sand
- Q95 Processors of all computers, whether micro, mini or mainframe, must have
- (a) primary storage (b) ALU  
(c) control unit (d) all of the above (e) none of the above
- Q96 Modern computers are very reliable but they are not
- (a) fast (b) powerful  
(c) infallible (d) cheap
- Q97 When did IBM close the last of its punched card manufacturing plant
- (a) June, 1978 (b) December, 1984  
(c) March, 1980 (d) November, 1981
- Q98 What is the name of the display feature that highlights areas of the screen which require operator attention
- (a) pixel (b) reverse video  
(c) touch screen (d) curser
- Q99 Who is considered the 'father' of the minicomputer and one of the founder fathers of the modern computer industry world-wide.
- (a) George Tate (b) Kenneth H. Olsen  
(c) Seymour Cray (d) Hall Feeney
- Q100 When did the EISA consortium 'Gang of Nine' come into being in USA
- (a) 1988 (b) 1986  
(c) 1984 (d) 1982
- Q101 Computers are incapable of emotional feelings. However, some people attribute humanlike emotions to inanimate objects including computers. What is it called
- (a) anthropogenesis (b) anthropomorphism  
(c) anthropolatory (d) cybernetics
- Q102 According to you, which of the following statement is incorrect
- (a) generally, computers don't make mistakes (b) computers eliminate jobs  
(c) computers can think (d) math's is necessary to understand computers]
- Q103 From amongst the following, pick out the item that does not belong to computer
- (a) Mouse (b) OCR  
(c) MICR (d) Plotter
- Q104 Which one of the following words has both a common meaning and a computer meaning
- (a) mode (b) bus  
(c) quick (d) efficiency
- Q105 A dumb terminal can do nothing more than communicate data to and from a CPU of a computer. How does a 'smart' terminal differ from a dumb terminal
- (a) it has a primary memory (b) it has a cache memory  
(c) it has a microprocessor (d) it has an input device
- Q106 What is the name of the hardware and software package that is ready for use as soon as it is installed
- (a) hands-on-system (b) quick implementation system  
(c) turnkey computer system (d) operational system
- Q107 In the past, microchip manufacturing has been a particular source of controversy between the U.S. companies and the Japanese companies who have been charged with dumping microchips in the U.S. What is meant by the word "dumping"
- (a) selling cheaply (b) selling below cost  
(c) selling free (d) selling through agents

- Q108 It has been found that about 30 percent of the people feel 'computer anxious'. Out of these, about 3 to 5 percent suffer from serious computer phobia. What is the technical name for this feeling of fear
- (a) Compuphobia (b) Technostress  
(c) Cyberphobia (d) Dizziness
- Q109 People who enter data to computer through visual display terminals (VDTs) often suffer from eye strain and headaches due to poorly-lit monitors or develop muscle and joint problems due to poorly-designed workstations. What is the name of the subject which studies the user machine interface as it relates to physical comfort and ease of use?
- (a) office automation (b) user-friendliness  
(c) computer stationery (d) ergonomics
- Q110 Fifth generation computers are likely to exhibit
- (a) artificial intelligence (b) heuristic behavior  
(c) advanced parallel processing (d) all of the above  
(e) none of the above
- Q111 Which of the following belongs to the first generation of computers
- (a) ENIAC (b) UNIVAS  
(c) IBM 8090 (d) IBM 1401
- Q112 The number of children in a family is a \_\_\_\_\_ quantity.
- (a) analog (b) digital  
(c) hybrid (d) hyperbolic
- Q113 Most of the inexpensive personal computers do not have any disk or diskette drive. What is the name of such computers
- (a) home computers (b) diskless computers  
(c) dedicated computers (d) general-purpose computers
- Q114 If a computer is on but does not respond to a system reset, what is it said to be
- (a) dead (b) off  
(c) hung (d) insensitive
- Q115 A menu-driven operating system is one which allows you to pick up from the menu of choices it displays on the screen. What is the name given to the images which are used in such image oriented menus
- (a) Icon (b) figure  
(c) symbol (d) model
- Q116 What is the name given to the weapons which use computerized guidance system
- (a) guided weapons (b) smart weapons  
(c) dumb weapons (d) star wars weapons
- Q117 What was the nickname of the computer used by the Americans in 1952 for their H-bomb project?
- (a) ENIAC (b) EDSAC  
(c) MANIAC (d) UNIVAC
- Q118 A computer has no mere sense than a light
- (a) bulb (b) pen  
(c) switch (d) pad
- Q119 Who is credited with the idea of using punch cards to control patterns in a weaving machine
- (a) pascal (b) hollerith  
(c) babbage (d) jackquard
- Q120 One of the most impressive features of a modern digital computer is its speed. A fast computer is able to do more calculations in one minus than a person using a pencil and paper can do in
- (a) 0 years (b) 20 years  
(c) lifetime (d) 50 years  
(e) none of the above

- Q121 Which of the following does not contain a microprocessor?
- (a) Robot (b) Microwave Oven  
(c) Washing Machine (d) Ball Pen
- Q122 What is meant by computer literacy?
- (a) ability to write computer programs (b) knowing what a computer can and cannot do  
(c) knowing computer related vocabulary (d) ability to assemble computers.
- Q123 What is a jacquard loom?
- (a) a bird found in Bangalore (b) a weaving machine which used punched cards  
(c) the first computer controlled loom (d) a machine for writing match tables
- Q124 The first electronic general purpose digital computer built by Mauchly and Eckert called ENIAC did not work on the stored program principle. How many numbers could it store in its internal memory?
- (a) 100 (b) 20  
(c) 500 (d) 1000
- Q125 The digital computer was developed primarily in
- (a) USSR (b) Japan  
(c) USA (d) UK
- Q126 The subject of Cybernetics deals with the science of
- (a) genetics (b) control and communications  
(c) molecular biology (d) biochemistry
- Q127 The attribution of human form or qualities to things such as machines or computers is called
- (a) cybernetics (b) cybernation  
(c) artificial intelligence (d) anthropomorphism
- Q128 With the development of digital computers, there has been an increasing study of the relationship among computers, the human nervous system and the human thinking process. The origin of this field of study is attributed to
- (a) Norbert Wiener (b) Marvin Minsky  
(c) A.M. Turing (d) Arthur Clarke
- Q129 A word technology based on a semiconductor device called the Neuron chip has been developed by Echlon company based in Palo Alto, California. This technology will revolutionize day to day activities like turning on lights, unlocking doors, setting clocks, heating and cooling homes and operating electronic gadgets, etc. What is the name of this technology?
- Q130 The physical equipment made of various metals, silicon and plastic components that make up the parts of a computer is called.
- (a) micro (b) peripheral  
(c) hardware (d) disk drive
- Q131 The pieces of equipment which are attached to the CPU of a computer and which it can access are called.
- (a) output devices (b) control units  
(c) peripherals (d) ALU
- Q132 A computer is a box full of electronic
- (a) chips (b) switching devices  
(c) circuits (d) components
- Q133 The analog computer measures dimension and its circuits use the differential and integral equations of continuous variables. The digital computer counts units and its circuits use.
- (a) logic gates (b) discrete switches  
(c) boolean algebra (d) bayes theorem
- Q134 A number crunching computer is one that can handle
- (a) large spreadsheets (b) large alphanumeric  
(c) large volume of numbers (d) only numbers

- Q135 In computer technology, what is meant by the phrase "state-of-the-art"?
- (a) up-to-date
  - (b) best
  - (c) latest
  - (d) all of the above
  - (e) none of the above
- Q136 Apply computer inc. was established in 1977 by a couple of young computer engineers with the idea of manufacturing low price computer for the use of small businesses. Why did they call their company apple?
- (a) because their computer resembled an apple in shape
  - (b) because the company was situated near an apple orchard
  - (c) because one of the partners had once worked in an apple orchard
  - (d) because the company was set up during apple season in America
- Q137 Through a computer can replace people in dull and routine tasks, yet it lacks
- (a) initiative
  - (b) originality
  - (c) speed
  - (d) accuracy
- Q138 The word computer usually refers to the central processor units plus
- (a) keyboard
  - (b) external memory
  - (c) internal memory
  - (d) peripheral devices
- Q139 If a computer had no decision-making function, what will it be reduced to?
- (a) electrical machine
  - (b) adding machine
  - (c) counting machine
  - (d) slide rule
- Q140 A computer can only do what it is told to do but it does it at a very fast speed and with cent percent accuracy. Can you guess the intelligence quotient (IQ) of a modern digital computer ?
- (a) 100
  - (b) 0
  - (c) 60
  - (d) 150
- Q141 An error in software or hardware is called a bug. What is the alternative computer jargon for it?
- (a) leech
  - (b) squid
  - (c) slug
  - (d) glitch
- Q142 No computer can do anything without a
- (a) program
  - (b) memory
  - (c) chip
  - (d) output device
- Q143 Human beings are referred to as Homosapiens. Which device is called Silico sapiens?
- (a) monitor
  - (b) hardware
  - (c) robot
  - (d) computer
- Q144 What is the name given to the molecular-scale computer?
- (a) Supercomputer
  - (b) Nanocomputer
  - (c) Femtocomputer
  - (d) Microcomputer
- Q145 A new technology which provides the ability to create an artificial world and have people interact with it is called
- (a) televirtuality
  - (b) virtual reality
  - (c) alternative reality
  - (d) 3-D reality
- Q146 Which of the following is not currently a topic in computer science?
- (a) Speech recognition
  - (b) Artificial Intelligence
  - (c) Thermodynamics
  - (d) Multiprocessing
- Q147 In 1990, the US Department of Commerce permitted export of computers with a processing data rate (PDR) of 275 to India. Higher PDR rating means more powerful and versatile computing process. Which PDR is called the China Green Line?
- (a) 200
  - (b) 250
  - (c) 275
  - (d) 550

Q148 The three most important inventions of this century are the nuclear bomb, the high yield speed, and the computer. Can you name the person who made this statement?

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT**

EXAM - JUNE-2011

**PAPER - OM-1**

Time:- 2 Hour

Max Mark's:-70

**Multiple Choices**

**Question 1:-** Which one of following is the characteristic of computer-

- (a) Speed (b) Memory (c) Diligence (d) All

**Question 2:-** One Gigabytes is equal to -

- (a) 1024 MB (b) 1024 KB (c) 1024 Byte (d) None

**Question 3:-** D.V.D. is an-

- (a) Internal Memory (b) Optical Memory (c) Cash Memory (d) Primary Memory

**Question 4:-** No. of gates used in VLSI technology are -

- (a)  $10^{10}$  gates (b)  $10^8$  Gates (c)  $10^6$  Gates (d) None

**Question 5:-** All the arithmetical and logical operations are performed in special types of storage area is know as-

- (a) Primary Memory (b) Cash Memory (c) Secondary Memory (d) All

**True / False**

**Question 6:-** Data are facts & figure.

**Question 7:-** Computer some time is called GIGO.

**Question 8:-** A bus is a set of wires (lines) that we can visualize of the motherboard of computer.

**Question 9:-** Super computer are used for bio-medical application.

**Question 10:-** Buffer is a portion of storage used to hold input / output data temporarily.

**Question 11:-** ROM is a non – Volatile memory

**Question 12:-** BIOS is an example of RAM.

**Question 13:-** Modem is an input device only.

**Question 14:-** CD-ROM is an optical memory.

**Question 15:-** Format command is used for making new tracks and sectors.

**Question 16:-** Write complete name of following short name.

- (a) OBR (b) ENIAC (c) E-MAIL (d) PC-AT/XT  
(e) VLSI (f) ASCII (g) TCP/IP (h) ESC  
(i) CHKDSK (j) CUI (k) Bits (l) Pixels  
(m) DMP (n) CPS (o) GPRS

**Long Type Question -**

**Question 27:-** Explain block diagram of Von-Neumann architecture? Also explain characteristic of computer?

**Question 18:-** What is Memory Organization in computer system? Explain it with suitable example.

**Question 19:-** (a) What is the role of input and output devices?  
(b) What are different types of I.C. technology?  
(c) What are differences between impact and non-impact printer?

**Question 20:-** Distinguished about following MS-DOS Command-

- (a) Copy, X-copy & Diskcopy  
(b) Ren / Move  
(c) CHKDSK / Scandisk  
(d) Backup / Restore  
(e) Format / Fdisk.

**Question 21:-** (A) Perform following binary arithmetic operation.



$$\begin{array}{r}
 \text{I.} \quad 100.11 \\
 111.01 \\
 110.11 \\
 + 100.11 \\
 \hline
 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \text{II.} \quad 10000.01 \\
 - 1101.101 \\
 \hline
 \\
 \hline
 \end{array}$$

- III.  $10000111 / 101$
- (B)  $(-205.63)_{10} = (?)_2 = (?)_{16} = (?)_{BCD}$
- (C)  $(1011111.10)_2 = (?)_{16} = (?)_8 = (?)_{10}$
- (D) What are ASCII & 8-4-2-1 coding Schemes?

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

Test Paper- (OM/CCC/BCC)

PAPER CODE - OM-1

INTRODUCTION TO COMPUTER FUNDAMENTAL Time: - 2 Hour

Section A Multiple Choices

**Question 1:-** Sequential access method used in-

- (a) RAM (b) ROM (c) Pen Drive (d) Magnetic Tape

**Question 2:-** Brain of Computer is-

- (a) Hard Disk (b) RAM (c) Printer (d) CPU

**Question 3:-** Mark first Computer is a-\_\_\_\_\_Computer

- (a) Mechanical (b) Electronic (c) Both a & b (d) None

**Question 4:-** Interrupt provide information about

- (a) H/W Failure (b) S/W Failure (c) Success full Operation (d) All

**Question 5:-** Hitachi is a-\_\_\_\_\_

- (a) Microcomputer (b) Minicomputer (c) Mainframe Computer (d) Super Computer

**Question 6:-** Calculate total bits in 7.2 Giga bytes-

- (a)  $2^{10}$  Bytes (b)  $2^{20}$  Byte (c)  $2^{30}$  Bytes (d)  $2^{40}$  Bytes

**Question 7:-** One Character takes-\_\_\_\_\_Byte

- (a) One (b) Two (c) Three (d) None

**Question 8:-** ASCII codes range exist between-

- (a) 0-255 (b) 127-255 (c) 255-512 (d) None

**Question 9:-** All the arithmetical & logical operations are performed in-

- (a) Primary Memory (b) Internal Register (c) Secondary Memory (d) All

**Question 10:-** Hybrid computer is a mixture of both digital and analog computer.

- (a) True (b) False (c) Both a & b (d) None

**Question 11:-** Computer can perform only-

- (a) Arithmetic Operation (b) Logical Operation (c) Both a & b (d) None

**Question 12:-** Heart of computer is-

- (a) ALU (b) CU (c) OS (d) OR

**Question 13:-** Grandfather of modern computer is-

- (a) Von Neumann (b) Blaise Pascal (c) Lady Ada (d) None

**Question 14:-** Analytical Engine made by-

- (a) Von Neumann (b) Charles Babbage (c) Howard Aiken (d) None

**Question 15:-** Indiginious is a-

- (a) Microcomputer (b) Minicomputer (c) Mainframe Computer (d) Super Computer

**Question 16:-** One Peta Byte equivalent to-

- (a)  $2^{10}$  Bytes      (b)  $2^{20}$  Byte      (c)  $2^{50}$  Bytes      (d)  $2^{40}$  Bytes

**Question 17:-** CPU processing measured in-

- (a) CPU Unit      (b) Bytes      (c) MIPS      (d) None

**Question 18:-** ASCII coding scheme used in-

- (a) Microcomputer      (b) Minicomputer      (c) Mainframe Computer      (d) Super Computer

**Question 19:-** All the arithmetical & logical operations are performed in-

- (a) Primary Memory      (b) Internal Register      (c) Secondary Memory      (d) All

**Question 20:-** BLU ray disc is-

- (a) Internal Processing Units      (b) Main Memory      (c) Cash Memory      (d) Secondary Memory

### Section B True / False

**Question 21:-** DMA is used for transfer data from memory to CPU.

**Question 22:-** Module is mediator.

**Question 23:-** RAM is a Secondary memory.

**Question 24:-** Hard disk is the brain of the computer.

**Question 25:-** Dry ink used in laser printers.

**Question 26:-** Write complete name of the following short name-

- (a) MIPS      (b) Bits      (c) CPS      (d) LASER  
(e) EBCDIC      (f) MICR      (g) SSI      (h) UPS

### Section C Long type answer

**Question 27:-** What is Computer? Explain characteristic of computer. Also describe component of PC.

**Question 28:-** What is Secondary Memory? Explain Mechanism of magnetic and optical memory.

**Question 29:-** What are different types of Logic Gates? Explain by using symbols and truth table.

**Question 30:-** (a) Perform following binary arithmetic operation-

$$\begin{array}{r} 1- \quad 10111 \\ \quad 10101 \\ + \quad 10101 \\ \hline \end{array}$$

$$\begin{array}{r} 2- \quad 110000 \\ \quad -111110 \\ \hline \hline \end{array}$$

$$3- \quad 1111011 / 111$$

(b)  $\underline{1 - (702)_{10} == (?)_2}$

2-  $(111.11)_2 = (?)_{10}$

(c) Make a Truth table and Combinational Circuit.

$F = \overline{AB} + CD$

Time:- 2 :30 Hour

COMPUTER FUNDAMENTAL

Max Mark's:-70

**Note:** Attempt All Question

Multiple Choice Questions

- Q1 What was the nickname of the computer used by the Americans in 1952 for their H-bomb project?  
(a) ENIAC (b) EDSAC  
(c) MANIAC (d) UNIVAC
- Q2 A computer has no mere sense than a light  
(a) Bulb (b) Pen  
(c) Switch (d) Pad
- Q3 Which of the following does not contain a microprocessor?  
(a) Robot (b) Microwave Oven  
(c) Washing Machine (d) Ball Pen.
- Q4 What is meant by computer literacy?  
(a) Ability to write computer programs (b) Knowing what a computer can and cannot do  
(c) Knowing computer related vocabulary (b) Ability to assemble computers.
- Q5 The pieces of equipment which are attached to the CPU of a computer and which it can access are called.  
(a) Output devices (b) Control units  
(c) Peripherals (d) ALU.
- Q6 A computer is a box full of electronic-  
(a) Chips (b) Switching devices  
(c) Circuits (d) Components.
- Q7 The analog computer measures dimension and its circuits use the differential and integral equations of continuous variables. The digital computer counts units and its circuits use.  
(a) Logic gates (b) Discrete switches  
(c) Boolean algebra (d) Bays theorem.
- Q8 A number crunching computer is one that can handle  
(a) Large spreadsheets (b) Large alphanumeric  
(c) Large volume of numbers (d) Only numbers.
- Q9 In computer technology, what is meant by the phrase "state-of-the-art"?  
(a) Up-to-date (b) Best  
(c) Latest (d) All of the above.  
(e) None of the above
- Q10 Through a computer can replace people in dull and routine tasks, yet it lacks  
(a) Initiative (b) Originality  
(c) Speed (d) Accuracy.
- Q11 The word computer usually refers to the central processor units plus  
(a) Keyboard (b) External memory  
(c) Internal memory (d) Peripheral devices
- Q12 If a computer had no decision-making function, what will it be reduced to?  
(a) Electrical machine (b) Adding machine  
(c) Counting machine (d) Slide rule.

## Section B

Q1:- Write full name of following given short name.

- |           |            |             |              |
|-----------|------------|-------------|--------------|
| (a) OBR   | (b) UNIVAC | (c) ARPANET | (d) COMPUTER |
| (e) VLSI  | (f) ASCII  | (g) RAID    | (h) SIMD     |
| (i) LASER | (j) CUI    | (k) Bits    | (l) Pixels   |
| (m) DMP   | (n) SMPS   | (o) GPRS    | (p) DMA      |

Q2:- Write function of following given command.

- |                 |                  |                 |                 |
|-----------------|------------------|-----------------|-----------------|
| (a) Windows + D | (b) Windows + M  | (c) Windows + E | (d)             |
| Windows + F     | (e) Windows + F1 | (f) Windows + R | (g) Windows + U |
| (h) Windows + P | (f) Windows + T  |                 |                 |

## Section C Long type answer

**Note:** Write answer on **Any three** of the following

- Q 1** What are various types of gates used in digital circuits? Describe briefly with diagram.
- Q 2** Describe about secondary memory in brief with the help of diagram and its main characteristics.
- Q 3** What are the roles of input and output techniques and I/O modules?
- Q 4** Describe computer system in brief with the help of diagram and various components.
- Q 5** What are different types of coding in computer systems? Also discuss about combinational circuits.
- Q 6** **(A)** Perform following computational arithmetic operations-

a-  $110001$       b-  $(234.125)_8 - (111111)_2 = (?)_2$       c-  $(234.125)_8 / (1011)_2 = (?)_2$

$$\begin{array}{r} 111110 \\ + 111011 \\ \hline \end{array}$$

**(B)** Write short notes on the following

- |                              |                             |                 |
|------------------------------|-----------------------------|-----------------|
| (a)- 2D and 2 ½ D techniques | (b)- Flynn's Classification | (c)- System Bus |
|------------------------------|-----------------------------|-----------------|

Time:- 2 :00 Hour

Max Mark's:-70

Note: Attempt All Question

**Multiple Choice Questions**

- Q1 Which of the following does not describe one or more characteristics of a computer ?  
 (a) electronic (b) external storage  
 (c) stored program (d) program modification at execution  
 (e) all of the above are characteristics
- Q2 The CPU (central processing unit) consists of:  
 (a) input, output, and processing  
 (b) control unit, primary storage, and secondary storage  
 (c) control unit, arithmetic-logic unit, and primary storage  
 (d) input, processing, and storage  
 (e) none of the above
- Q3 Which of the following is not an advantage of stored programs?  
 (a) reliability (b) reduction in operational costs  
 (c) ability of the computer to operate at electronic speeds  
 (d) the computers becoming general-purpose  
 (e) all of the above are advantages
- Q4 All of the following are examples of input devices except:  
 (a) COM (Computer Output Micro film) (b) CRT (Cathode Ray Tube)  
 (c) optical scanners (d) voice-recognition devices  
 (e) all of the above are input devices
- Q5 Which of the following is not true of primary storage?  
 (a) it is a part of the CPU (b) it allows very fast access to data  
 (c) it is relatively more expensive (d) information must be transferred to primary storage  
 (e) all of the above are true
- Q6 What is the control unit's function in the CPU?  
 (a) to decode program instructions (b) to transfer data to primary storage  
 (c) to perform logical operations (d) to store program instructions  
 (e) none of the above
- Q7 The ascending order of a data hierarchy is:  
 (a) bit-byte-record-field-file-database (b) byte-bit-field-record-file-database  
 (c) byte-bit-record-file-field-database (d) bit-byte-field-record-file-database  
 (e) none of the above
- Q8 Which of the following is not true of immediate processing?  
 (a) it is often used in real time applications  
 (b) it can occur with either sequential or direct-access files  
 (c) it can be used in an airline-reservation system  
 (d) transactions are processed shortly after a real-world event occurs  
 (e) all of the above are true
- Q9 In computer terminology, information means

- |                       |  |
|-----------------------|--|
| (a) raw data          | (b) data in more useful or intelligible form |
| (c) alphanumeric data | (d) program                                  |

Q10 Which kind of storage device can be carried around ?

- |                 |                    |              |
|-----------------|--------------------|--------------|
| (a) hard disk   | (b) system cabinet | (c) diskette |
| (d) main memory | (e) motherboard    |              |

PTO....

### Section B True / False

- Q1 Most computer-related errors are the result of improperly prepared data.
- Q2 The efficiency of the computer provides management with tighter control over a business.
- Q3 Instructions given in a program do not define any actions for the computer.
- Q4 All data processing systems must provide for the input, processing and output of data.
- Q5 A file may be defined as an ordered collection of data.
- Q6 Controls are applied to the input data, but they cannot be employed to check the accuracy of the results of processing.
- Q7 The collection of data represents the gathering of output data.
- Q8 The computerized processing of data can only be applied to the field of business.
- Q9 The data processing department is composed of the operations, data control.
- Q10 The computer operator is nearly a button pusher and, as such, requires no knowledge of the computer.
- Q11 In real-time processing, data contained in a computer file is immediately
- Q12 The terms software and softcopy describe the same nonpermanent output.
- Q13 A handwritten application is an example of a source document.
- Q14 Softcopy is a term applied to multiple pages of computer-printed report.
- Q15 Batch processing involves the accumulation and processing of data at regular intervals.

### Section C Long type answer

**Note:** Write answer on **any three** of the following

- Q 1** What is Computer? Explain characteristic of computer. Also describe component of PC.
- Q 2** Describe role of Memory Hierarchy. Differentiate between optical & magnetic disk memory.
- Q 3** What are the role of input and Output Module and I/O processor? Also describe vector processor.
- Q 4** Discuss about CUI and GUI OS in brief.
- Q 5** What are different types of Coding in Computer System? Also discuss about combinational circuit.
- Q 6** (a) Perform following computational Arithmetic Operation-

$$\begin{array}{r}
 1- \quad 110001 \\
 \quad 101010 \\
 + \quad 101011 \\
 \hline
 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2- \quad 111101 \\
 \quad -111111 \\
 \hline
 \\
 \hline
 \end{array}$$

$$3- \quad 11111111 / 101$$

(b) 1-  $(1455)_{10} == (?)_2$

2-  $(A32B.2C)_{16} = (?)_2$

(c) Write short note of following

1- Pipeline

2- Volatile & Non Volatile Memory

3- 2D & 2.5D

(d) Write twenty most useful commands for handling Windows.

\*\*\*



EXAM DEC-2014

PAPER - OM-1

COMPUTER FUNDAMENTAL

Time:- 2 :30 Hour

Max Mark's:-70

Note: Attempt All Question

Section A Multiple Choice Questions

- Q1** Inventer of mouse was  
(a) Charles Babbage (b) Tim Berner Lee  
(c) Dennis Ritchi (d) Douglas Carl Engelbart
- Q2** Inventer of Keyboard was  
(a) Ken Thomsan (b) Howard Aiken  
(c) Alexnder (d) Christopher Latham Sholes
- Q3** Which of following command is used for open my computer  
(a) Windows logo +D (b) Windows logo +D  
(c) Windows logo +M (d) Windows logo +E
- Q4** Which of following command is used for Open utility manager.  
(a) Ctrl+Windows logo +F (b) Windows logo +F1  
(c) Windows logo +R (d) Windows logo +U
- Q5** Which of following command is used for Open Switch between open programs  
(a) Alt + F (b) Alt + E  
(c) Ctrl + N (d) Alt + Tab
- Q6** Lock the computer and switch users if needed (Windows XP and above only).  
(a) WINKEY + Ctrl + F (b) WINKEY + E  
(c) WINKEY + F (d) WINKEY + L
- Q7** 1 Yottabyte (YB) = \_\_\_\_ Bytes.  
(a)  $2^{80}$  Tera ytes. (b)  $2^{80}$  Kilo Bytes.  
(c)  $2^{80}$  Mega Bytes. (d)  $2^{80}$  Bytes.
- Q8** A film scanner is used to \_\_\_\_\_  
(a) 35 mm slides (b) film negatives  
(c) Both a and c (d) T-shaped
- Q9** A pen scanner is  
(a) scan text (b) Scan figures  
(c) Scan barcodes (d) all
- Q10** An ink-jet printer are called  
(a) A standard ink-jet (b) like a photocopier  
(c) Both a and b (d) bubble-jet

Section B True / False

- Q 1** A laser printer uses a laser beam to fix the ink to the paper.
- Q 2** A plotter is a special type of printer which uses ink and fine pens held in a cartridge to draw detailed designs on paper.
- Q 3** The Cathode Ray Tube of a monitor is similar to a traditional TV set.
- Q 4** A Liquid Crystal Display is made of flat plates with a liquid crystal solution between them.
- Q 5** Input values in gates are used either or both Boolean numbers 0(F) and 1(T).
- Q 6** The functionally complete sets are: [AND, NOT],[NOR],[NAND],[OR,NOT]

- Q 7** ASCII stand for American Standard Code For Information Interchange.
- Q 8** Date of Birth of grand father of modern computer is 19 July 1623
- Q 9** Period of Fourth Generation (1964 to 1975).
- Q 10** EDVAC stand for Electronic Numerical Integrator and calculator.
- Q 11** 18500 vacuum tubes were used in EDVAC.
- Q 12** Number of gates used upto  $10^8$  in VLSI technology.
- Q 13** Intel Company designed Third microprocessor 8086 in 1974 .It was general purpose processor.
- Q 14** Off line processing/Real Time processing(A device directly connected with CPU).
- Q 15** On Line Processing/Batch Processing(A device not directly connected with CPU).

### **Section C Long type answer**

**Note:** Write answer on **any three** of the following

- Q 1** Explain about Von Neumann architecture of computer in brief.
- Q 2** Describe about Flynn's classification for parallel processing. Also explain feature of Vector Processing .
- Q 3** Explain about technique of interrupt, pipeline and modules.
- Q 4** Differentiate between RAM & ROM, 2D & 2 ½ D, MAR & MBR, SMPS & Modem.
- Q 5** Describe about complete feature of keyboard, printer and mouse.
- Q 6** (a) Perform following computational Arithmetic Operation-

$  \begin{array}{r}  1- \quad 100001 \\  \quad 111111 \\  + \quad 111001 \\  \hline  \\  \hline  \end{array}  $	$  \begin{array}{r}  2- \quad 100001 \\  \quad -111111 \\  \hline  \\  \hline  \end{array}  $	$  3- \quad 1000001 / 1001  $
---	---	-------------------------------

- (b)                      1-  $(577)_{10} == (?)_2$                       2-  $(ABCD)_{16} = (?)_2$

(c) Write short note of following

1- RAID

2- Optical Memory

3- Cache Memory

\*\*\*



Note: Attempt All Question

**Section-A**

**Multiple Choice Questions**

- Q1** The computer device primarily used to provide hardcopy is the  
(a) CRT (b) line printer  
(c) Computer console (d) card reader
- Q2** A CPU's processing power is measured in  
(a) IPS (b) CIPS  
(c) MIPS (d) Nano-seconds
- Q3** In computer terminology, information means  
(a) Raw data (b) Data in more useful or intelligible form  
(c) Alphanumeric data (d) Program
- Q4** What is the name given to the molecular-scale computer?  
(a) Femtocomputer (b) Nanocomputer  
(c) Supercomputer (d) Microcomputer
- Q5** A billionth of a second is defined as a:  
(a) Millisecond (b) Microsecond  
(c) Nanosecond (d) Picoseconds
- Q6** Control Unit of a digital computer is often called the  
(a) Clock (b) Nerve center  
(c) ICs (d) All of the above
- Q7** The term "memory" applies to which one of the following  
(a) Logic (b) Storage (c) Control  
(d) Input device (e) Output device
- Q8** Which of the following does not contain a microprocessor?  
(a) Robot (b) Microwave Oven  
(c) Washing Machine (d) Ball Pen
- Q9** Off-line operation is the operation of devices without the control of  
(a) Memory (b) CPU  
(c) ALU (d) Control unit
- Q10** Time during which a job is processed by the computer is  
(a) Delay time (b) Real time  
(c) Execution time (d) None of the above

**Section B**

**Q1:-** Write full name of following

- (a) PSU (b) RPM (c) POST (d) NIC (e) VLSI (f) WYSIWYG (g) USB (h) GBps  
(i) BIOS (j) PDF (k) Kbps (l) SOHO (m) DMP (n) CPS

**True / False**

- Q1** The word bit is the short form of Binary Digit.  
**Q2** Fourth generation computer use integrated circuits  
**Q3** The data processing department is composed of the operations, data control.

- Q4** The overall functions of the O.S are to manage I/O, files and memory.
- Q5** A file may be defined as an ordered collection of data.
- Q6** Starting process of a computer is called cold booting
- Q7** A handwritten application is an example of a source document.
- Q8** Decimal value of hexadecimal E is 14
- Q9** Batch processing involves the accumulation and processing of data at regular intervals.
- Q10** In real-time processing, data contained in a computer file is immediately

**Section C Long type answer**

**Question 1:-** What is Computer? Explain characteristic of computer. Also describe component of PC.

**Question 2:-** What is Secondary Memory? Explain Mechanism of magnetic and optical memory.

**Question 3:-** What are different types of Logic Gates? Explain by using symbols and truth table.

**Question 4:-** Perform following binary arithmetic operation-

i:-  $(11111 + 10101 + 10101) = (?)_2$  ii:-  $110010 - 111110 = (?)_2$  iii:-  $111000011 / 1011 = (?)_2$

**Question 5:-** (a) i:-  $(2302)_{10} = (?)_2$  ii:-  $(100011.11)_2 = (?)_{10}$

(b) Prove the following using rules of Boolean algebra, OR simplify

a:-  $A + BC = (A + B)(A + C)$  b:-  $A + AB = A$

**Question 6:-** (a) Explain in briefly the any three types of Secondary memory.?

(b) Serial Access Memory?

(c) Video Display Unit(VDU)?

\*\*\*

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt All Question

**Section A Multiple Choices**

- Question 1:-** Computer can perform only-  
 (a) Arithmetic Operation (b) Logical Operation (c) Both a & b (d) None
- Question 2:-** Heart of computer is-  
 (a) ALU (b) CU (c) OS (d) OR
- Question 3:-** Grandfather of modern computer is-  
 (a) Von Neumann (b) Blaise Pascal (c) Lady Ada (d) None
- Question 4:-** Analytical Engine was made by-  
 (a) Von Neumann (b) Charles Babbage (c) Howard Aiken (d) None
- Question 5:-** PARAM is a-  
 (a) Microcomputer (b) Minicomputer (c) Mainframe Computer (d) Super Computer
- Question 6:-** Three Giga Bytes equivalent to-  
 (a)  $2^{10}$  Bytes (b)  $2^{20}$  Byte (c)  $2^{30}$  Bytes (d) None
- Question 7:-** CPU processing speed measured in-  
 (a) CPU Unit (b) Hertz (c) MIPS (d) Both b & c
- Question 8:-** ASCII coding scheme used in-  
 (a) Microcomputer (b) Minicomputer (c) Mainframe Computer (d) Super Computer
- Question 9:-** All the arithmetical & logical operations are performed in-  
 (a) Primary Memory (b) Internal Register (c) Secondary Memory (d) All
- Question 10:-** BLU ray disc, CD and DVD are -  
 (a) Main Memory (b) Internal Processing Units (c) Cash Memory (d) Secondary Memory

**Section B True / False**

- Question 1:-** Intel 4004 is a specific purpose processor.
- Question 2:-** Core I7 is a secondary memory.
- Question 3:-** IBM 700 is a series of Super Computer.
- Question 4:-** SATA & PATA both are technology of primary memory.
- Question 5:-** Accessing Speed of Hard Disk measured in RPM.
- Question 6:-**

**Write complete name of the following short name-**

- |            |          |          |           |         |
|------------|----------|----------|-----------|---------|
| (a) MAR    | (b) SMPS | (c) BIOS | (d) LASER | (e) LED |
| (f) BITNET | (g) ISDN | (h) VSAT | (i) DMP   | (j) DTP |
| (k) MISD   | (l) MIMD | (m) PCB  | (n) W3C   | (o) FAQ |

**Section C Long type answer**

**Note :** Attempt any **Five** Questions.

- Question 1:-** Describe von Neumann architecture? Explain characteristic of computer.
- Question 2:-** Describe about Hierarchy of Memory organization in computer system. As well as access method.
- Question 3:-** What are the role of input and Output Organization?
- Question 4:-** Describe about processing technique of pipeline method in computer system.
- Question 5:-** Perform following binary arithmetic operation-
- |     |       |      |        |       |                |
|-----|-------|------|--------|-------|----------------|
| (I) | 11101 | (II) | 100001 | (III) | 11111111 / 101 |
|-----|-------|------|--------|-------|----------------|

$$\begin{array}{r}
 11111 \\
 + 11110 \\
 \hline
 \end{array}
 \qquad
 \begin{array}{r}
 -111110 \\
 \hline
 \hline
 \end{array}$$

**Question 6:-**

(I)  $\frac{(35)_{10} = (?)_2}{\quad}$       (II)  $(10001)_2 = (?)_8 = (?)_{16} = (?)_{10}$

**Question 7:-**

Explain following terms of computer coding-

- (I) DMA                                      (II) Cache Memory                                      (III) Non Impact Printer

\*\*\*

EXAM JUNE-2016

PAPER's Code- OM-01/BCC-01/DTP-01/CCC-01

Time:- 02 :00 Hours

COMPUTER FUNDAMENTAL

Max Mark's:-70

Note: Attempt All Question

**Section-A**

**Multiple Choice Questions**

- Q1 \_\_\_\_\_ is the product of data processing.  
(a) data (b) information (c) software  
(d) a computer (e) none of the above
- Q2 The most common input device used today is the \_\_\_\_\_.  
(a) motherboard (b) central processing unit (c) keyboard  
(d) system unit (e) semiconductor
- Q3 Software instructions intended to satisfy a user's specific processing needs are called \_\_\_\_\_.  
(a) systems software (b) a microcomputer (c) documentation  
(d) applications software (e) all of the above
- Q4 Which of the following is not a factor when categorizing a computer?  
(a) amount of main memory the CPU can use  
(b) capacity of the storage device  
(c) cost of the system (d) where it was purchased (e) speed of the output device
- Q5 Which of the following is the most powerful type of computer?  
(a) supermicro (b) superconductor (c) microcomputer  
(d) supercomputer (e) megafame
- Q6 What of the following terms is related to a monitor?  
(a) screen (b) monochrome monitor (c) RGB monitor  
(d) video display (e) all of the above
- Q7 Which kind of storage device can be carried around ?  
(a) hard disk (b) system cabinet (c) diskette  
(d) main memory (e) motherboard
- Q18 Which of the following people probably has the least amount of technical knowledge?  
(a) programmer (b) user (c) systems analyst  
(d) computer operator (e) computer professional
- Q9 Which of the following devices allows the user to add components and capabilities to a computer system?  
(a) storage device (b) keyboard (c) system boards  
(d) diskettes (e) expansion slots
- Q20 Which of the following terms applies to communication between separate computer systems?  
(a) computer literacy (b) power supply (c) applications software  
(d) connectivity (e) none of the above
- Q10 People typically interface with a computer-based system when:  
(a) information must be output (b) data must be input  
(c) information must be reviewed  
(d) the computer needs a direction (or instruction) in order to process data

**True / False**

- Q1. To be computer literate, you must be able to write computer programs.
- Q2. You can be a computer literate even though you are not a programmer.
- Q3. Though it has a keyboard, the CRT can only perform output operations.
- Q4. The information centre is a company's primary resource for the development of full - scale information systems.
- Q5. Business data processing is handled by a unit separate from user groups in many businesses.
- Q6. A printer is an example of one of the four computer components. Known as output.
- Q7. A microsecond is 1000 times longer than a nanosecond.
- Q8. The greatest amount of available computing capacity is dedicated to the information systems/data processing category of computer usage.
- Q9. The transmission of data from a microcomputer to a mainframe computer is called uploading.
- Q10. A business computer system is designed to generate information by simulating logical systems.
- Q11. Artificial intelligence is that area of research that uses computers to simulate human capabilities.
- Q12. The rate at which you can learn more about computers is accelerated once you gain a basic understanding of computers.
- Q13. A supervisory position does not involve planning.
- Q14. The need to count was developed only a few years ago, following the development of the computer.
- Q15. Maintaining an accurate control of inventory was a problem faced by shepherds in ancient times.

### Section B

Q1:- Write full name of following given short name.

- |           |                   |             |              |
|-----------|-------------------|-------------|--------------|
| (a) OBR   | (b) UNIVAC        | (c) ARPANET | (d) COMPUTER |
| (e) ISDN  | (f) ASCII         | (g) RAID    | (h) SIMD     |
| (i) LASER | (j) B & D Channel | (k) Bits    | (l) Pixels   |
| (m) DMP   | (n) SMPS          | (o) GPRS    | (p) DMA      |

Q2:- Write function of following given command.

- |                 |                 |                 |                 |                  |
|-----------------|-----------------|-----------------|-----------------|------------------|
| (a) Alt + F4    | (b) Windows + M | (c) Windows + E | (d) Windows + F | (e) Windows + F1 |
| (f) Windows + R | (g) Windows + U | (h) Ctrl + P    | (i) Windows + T |                  |

### Section C Long type answer

**Note:** Write answer on **any Four** and **Q6** is compulsory of the following.

- Q 1:-** What are various types of gates used in digital circuits? Describe briefly with diagram.
- Q 2:-** Describe about secondary memory in brief with the help of diagram and its main characteristics.
- Q 3:-** What are the roles of input and Output Technique and I/O Module?
- Q 4:-** Describe computer system in brief with the help of diagram and various components.
- Q 5:-** Explain Von Neumann architecture in brief with the help of block diagram?

**Q 6:- (A)** Perform following computational Arithmetic Operation-

a- 
$$\begin{array}{r} 110001 \\ 100010 \\ + 111111 \\ \hline \end{array}$$

-----  
-----

**(B)** Write short note of following

- (a)- Role of Buses (b)- RAID technology (c)- Pipeline (d)- RISC/CISC (e)-Cache Memory

\*\*\*

**INTRODUCTION TO COMPUTER FUNDAMENTAL**

Time: - 2 Hours

Max Mark's:-70

**Section A Multiple Choices**

- Question 1:- Sequential access method used in-  
(a) RAM (b) ROM (c) Pen Drive (d) Magnetic Tape
- Question 2:- Brain of Computer is-  
(a) Hard Disk (b) RAM (c) Printer (d) CPU
- Question 3:- Mark first Computer is a-\_\_\_\_\_Computer  
(a) Mechanical (b) Electronic (c) Both a & b (d) None
- Question 4:- Interrupt provide information about  
(a) H/W Failure (b) S/W Failure (c) Success full Operation (d) All
- Question 5:- Hitachi is a-\_\_\_\_\_  
(a) Microcomputer (b) Minicomputer (c) Mainframe Computer (d) Super Computer
- Question 6:- Calculate total bits in 7.2 Giga bytes-  
(a)  $2^{10}$  Bytes (b)  $2^{20}$  Byte (c)  $2^{30}$  Bytes (d)  $2^{40}$  Bytes
- Question 7:- One Character takes-\_\_\_\_\_Byte  
(a) One (b) Two (c) Three (d) None
- Question 8:- ASCII codes range exist between-  
(a) 0-255 (b) 127-255 (c) 255-512 (d) None
- Question 9:- All the arithmetical & logical operations are performed in-  
(a) Primary Memory (b) Internal Register (c) Secondary Memory (d) All
- Question 10:- BLU ray disc is-  
(a) Internal Processing Units (b) Main Memory (c) Cash Memory (d) Secondary Memory
- Question 11:- Which of the following does not describe one or more characteristics of a computer ?  
(a) electronic (b) external storage (c) stored program  
(d) program modification at execution (e) all of the above are characteristics
- Question 12:- The CPU (central processing unit) consists of:  
(a) input, output, and processing (b) control unit, primary storage, and secondary storage  
(c) control unit, arithmetic-logic unit, and primary storage (d) input, processing, and storage  
(e) none of the above
- Question 13:- Which of the following is not an advantage of stored programs?  
(a) reliability (b) reduction in operational costs (c) the computers becoming general-purpose  
(d) ability of the computer to operate at electronic speeds (e) all of the above are advantages
- Question 14:- What of the following terms is related to a monitor?  
(a) screen (b) monochrome monitor (c) RGB monitor  
(d) video display (e) all of the above
- Question 15:- Which kind of storage device can be carried around ?  
(a) hard disk (b) system cabinet (c) diskette  
(d) main memory (e) motherboard
- Question 16:- Which of the following people probably has the least amount of technical knowledge?  
(a) programmer (b) user (c) systems analyst  
(d) computer operator (e) computer professional
- Question 17:- Which of the following terms applies to communication between separate computer systems?  
(a) computer literacy (b) power supply (c) applications software  
(d) connectivity (e) none of the above
- Question 18:- People typically interface with a computer-based system when:

- (a) information must be output                      (b) data must be input                      (c) information must be reviewed  
(d) the computer needs a direction (or instruction) in order to process data

Question 19:- Which of the following is not a type of computer facility?

- (a) decentralized                      (b) centralized                      (c) de-distributed  
(d) distributed                      (e) None of the above

Question 20:- Which of the following is not used in the storage phase of a computer based information system?

- (a) magnetic                      (b) keyboard                      (c) diskette                      (d) hard disk  
(e) none of the above

### **Section B True / False**

Question 1:- Computers are programmable calculators.

Question 2:- The pocket calculator currently being used in India (Japanese Sharp, NELCO) is a computer.

Question 3:- The basic computing unit in a micro computer is transistor flip-flop.

Question 4:- Computer does not have more intelligence than a cockroach.

Question 5:- The battery operated pocket calculator may be considered as a limited purpose digital compute.

Question 6:- The first electronic computer used transistor.

Question 7:- The abacus is still useful for adding numbers.

Question 8:- The standard punched card is composed of only 10 rows and 80 columns

Question 9:- The digit rows are defined as the 2,3,4,5,6,7,8 and 9 rows.

Question 10:- The reproducer and the interpreter perform essentially the same function.

Question 11:- The special character slash (/) is composed of an O-Zone punch and a 1-digit punch.

Question 12:- The alphabetic character T is composed of an O-Zone punch and a 3-digit punch.

Question 13:- The verifier is used to punch data onto a card.

Question 14:- Card processing represents one of the slowest forms of data processing.

Question 15:- The storage of cards is expensive but does not require large amounts of space.

Question 16:- Write complete name of the following short name-

- |          |           |         |           |             |
|----------|-----------|---------|-----------|-------------|
| (a) MIPS | (b) Bits  | (c) CPS | (d) LASER | (e) EBCDIC  |
| (f) MICR | (g) SSI   | (h) UPS | (i) VLSI  | (j) ULSI    |
| (k) CRT  | (l) PIXEL | (m) IRC | (n) SMTP  | (o) ARPANET |

### **Section C Long type answer**

Question 1:- What is Computer? Explain characteristic of computer. Also describe component of PC.

Question 2:- What is Secondary Memory? Explain Mechanism of magnetic and optical memory.

Question 3:- What are the role of input and Output Technique and I/O Peripherals?

Question 4:- Discuss about history of Computer.

Question 5:- What are different types of Logic Gates? Explain by using symbols and truth table.

Question 6:- (a) Perform following binary arithmetic operation-

1-	10111	2-	110000	3-	1111011 / 111
	10101		-111110		
+	10101				
<hr/>		<hr/>			
<hr/>		<hr/>			

(b) 1-  $(1303)_{10} == (?)_2$

2-  $(100001.11)_2 = (?)_{10}$

(c) Explain following terms of computer coding-

1- Instruction Execution Register

2- Flynn's Classification

3- Alpha Numeric Code

(d) Make a Truth table and Combinational Circuit.

$F = ABCD$

\*\*\*



**EXAM JUNE-2016**

**PAPER's Code- OM-01/BCC-01/DTP-01/CCC-01**

**Time:- 02 :00 Hours**

**COMPUTER FUNDAMENTAL**

**Max Mark's:-70**

**Note:** Attempt All Question

**Section-A**

**Multiple Choice Questions**

- Q1 \_\_\_\_\_ is the product of data processing.  
 (a) data (b) information (c) software  
 (d) a computer (e) none of the above
- Q2 The most common input device used today is the \_\_\_\_\_.  
 (a) motherboard (b) central processing unit (c) keyboard  
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 (a) amount of main memory the CPU can use  
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 (c) cost of the system (d) where it was purchased (e) speed of the output device
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 (a) supermicro (b) superconductor (c) microcomputer  
 (d) supercomputer (e) megafame
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- Q18 Which of the following people probably has the least amount of technical knowledge?  
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 (d) computer operator (e) computer professional
- Q9 Which of the following devices allows the user to add components and capabilities to a computer system?  
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 (d) diskettes (e) expansion slots
- Q20 Which of the following terms applies to communication between separate computer systems?  
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 (d) connectivity (e) none of the above
- Q10 People typically interface with a computer-based system when:  
 (a) information must be output (b) data must be input  
 (c) information must be reviewed  
 (d) the computer needs a direction (or instruction) in order to process data

**True / False**

- Q1. To be computer literate, you must be able to write computer programs.
- Q2. You can be a computer literate even though you are not a programmer.
- Q3. Though it has a keyboard, the CRT can only perform output operations.
- Q4. The information centre is a company's primary resource for the development of full - scale information systems.
- Q5. Business data processing is handled by a unit separate from user groups in many businesses.
- Q6. A printer is an example of one of the four computer components. Known as output.
- Q7. A microsecond is 1000 times longer than a nanosecond.
- Q8. The greatest amount of available computing capacity is dedicated to the information systems/data processing category of computer usage.
- Q9. The transmission of data from a microcomputer to a mainframe computer is called uploading.
- Q10. A business computer system is designed to generate information by simulating logical systems.
- Q11. Artificial intelligence is that area of research that uses computers to simulate human capabilities.
- Q12. The rate at which you can learn more about computers is accelerated once you gain a basic understanding of computers.
- Q13. A supervisory position does not involve planning.
- Q14. The need to count was developed only a few years ago, following the development of the computer.
- Q15. Maintaining an accurate control of inventory was a problem faced by shepherds in ancient times.

### Section B

Q1:- Write full name of following given short name.

- |           |                   |             |              |
|-----------|-------------------|-------------|--------------|
| (a) OBR   | (b) UNIVAC        | (c) ARPANET | (d) COMPUTER |
| (e) ISDN  | (f) ASCII         | (g) RAID    | (h) SIMD     |
| (i) LASER | (j) B & D Channel | (k) Bits    | (l) Pixels   |
| (m) DMP   | (n) SMPS          | (o) GPRS    | (p) DMA      |

Q2:- Write function of following given command.

- |                 |                 |                 |                 |                  |
|-----------------|-----------------|-----------------|-----------------|------------------|
| (a) Alt + F4    | (b) Windows + M | (c) Windows + E | (d) Windows + F | (e) Windows + F1 |
| (f) Windows + R | (g) Windows + U | (h) Ctrl + P    | (i) Windows + T |                  |

### Section C Long type answer

**Note:** Write answer on **any Four** and **Q6** is compulsory of the following.

- Q 1:-** What are various types of gates used in digital circuits? Describe briefly with diagram.
- Q 2:-** Describe about secondary memory in brief with the help of diagram and its main characteristics.
- Q 3:-** What are the roles of input and Output Technique and I/O Module?
- Q 4:-** Describe computer system in brief with the help of diagram and various components.
- Q 5:-** Explain Von Neumann architecture in brief with the help of block diagram?
- Q 6:-** (A) Perform following computational Arithmetic Operation-

$$\begin{array}{r}
 \text{a-} \quad 110001 \\
 \quad 100010 \\
 + 111111 \\
 \hline
 \hline
 \end{array}
 \quad
 \begin{array}{l}
 \text{b- } (246.125)_8 - (1100011)_2 = (?)_2 \\
 \text{c- } (336.125)_8 / (1111)_2 = (?)_{16}
 \end{array}$$

(B) Write short note of following

- (a)- Role of Buses (b)- RAID technology (c)- Pipeline (d)- RISC/CISC (e)-Cache Memory

\*\*\*

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2017**

**OM-01/BCC-01/DTP-01/CCC-01/CFA-01/ADCA-01/DCA-01**

**Time:- 02 :30 Hours**

**COMPUTER FUNDAMENTAL**

**Max Mark's:-100**

## Section-A

### Multiple Choice Questions

- Q1** The access method used for magnetic tape is \_\_\_\_\_  
a) Direct                      b) Random                      c) Sequential                      d) None of the above
- Q2** Which of the Following holds the ROM, CPU, RAM and expansion cards  
a) Hard disk                      b) Floppy disk                      c) Mother board                      d) None of the above
- Q3** Which of the following devices can be used to directly input printed text  
a) OCR                      b) OMR                      c) MICR                      d) None of the above
- Q4** Which of the following is used as a primary storage device  
a) Magnetic tape                      b) PROM                      c) Floppy disk                      d) None of the above
- Q5** Information retrieval is faster from  
a) Floppy disk                      b) Magnetic tape                      c) Hard disk                      d) None of the above

### Section B

**Q1:-** Write full name of following

- |          |          |           |             |          |     |
|----------|----------|-----------|-------------|----------|-----|
| (a) SISD | (b) SIMD | (c) MIMD  | (d) IBM     | (e) VLSI | (f) |
| WYSIWYG  | (g) USB  | (h) EDVAC | (i) ULSI    | (j) HTTP | (l) |
| SOHO     | (m) PCB  | (n) WORM  | (o) Windows |          |     |

### True / False

- Q1.** Batch processing involves the accumulation and processing of data at regular intervals.
- Q2.** In real-time processing, data contained in a computer file is immediately
- Q3.** The terms software and softcopy describe the same nonpermanent output.
- Q4.** Leased line do not permit online communications between a user and a computer system.
- Q5.** The data entry clerk and data clerk titles are interchangeable and describe the same position within the operations area.

### Section C Long type answer

- Q1.** Explain block diagram of Von-Neumann architecture? Also explain characteristic of computer?
- Q2.** What is Secondary Memory? Explain Mechanism of magnetic and optical memory.
- Q3.** Describe about Flynn's Classifications of computer.
- Q4.** List out the various computer "generation" in computer terminology? How many computer generations are there until now?
- Q5.** What will be the decimal and hexadecimal equivalent of  $(111011.10)_2$
- Q6.** In the context of magnetic disk storage, define the following terms and give the relationship among them (if any)  
a) Track                      b) Cylinder                      c) Sector                      d) Disk address
- Q7.** a:-Differentiate among a bit, a byte and a word?  
b:-  $1_{10} + 1_{10} = \dots\dots\dots$                       c:-  $1_2 + 1_2 = \dots\dots\dots$   
d:-What will be the hexadecimal equivalent of decimal number (54977)

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**TEST - NOV-2017**

**PAPER CODE - OM-01/CFA-01/CCA-01/BCC-01/ADCA-01/DIT-01**

**INTRODUCTION TO COMPUTER FUNDAMENTAL**

**Time: - 2 Hour**

**Max Mark's:-100**

### Section A

- Q 1:-** Any computer must at least consist of



**Section-A**

**Multiple Choice Questions**

- Q 1:-** The most common input device used today is the \_\_\_\_\_
- (a) Motherboard (b) Ccentral processing unit (c) Kkeyboard  
(d) System unit (e) Semiconductor
- Q 2:-** One Peta Byte equivalent to-
- (a)  $2^{80}$  Bytes (b)  $2^{70}$  Byte (c)  $2^{50}$  Bytes (d) None
- Q 3:-** What of the following terms is related to a monitor?
- (a) Screen (b) Monochrome monitor (c) RGB monitor  
(d) Video display (e) All of the above
- Q 4:-** Software instructions intended to satisfy a user's specific processing needs are called \_\_\_\_\_
- (a) Systems software (b) A microcomputer (c) Documentation  
(d) Applications software (e) All of the above
- Q 5:-** To be information, data must be
- (a) Factual (b) Relevant (c) News  
(d) All of the above (e) None of the above

**Section B**

**Q 6:-** Write full name of following

- (a) OBR (b) LASER (c) UPS (d) PC-AT/AT  
(e) VLSI (f) GPRS (g) ARPANET (h) IBM

**True / False**

- Q 1:-** DMA is used for transfer data from memory to CPU.
- Q 2:-** Computer some time is called GIGO.
- Q 3:-** BIOS is an example of RAM.
- Q 4:-** Buffer is a portion of storage used to hold input / output data temporarily.
- Q 5:-** A bus is a set of wires (lines) that we can visualize of the motherboard of computer..

**Section C Long type answer**

- Q 1:-**What is Computer? Explain characteristic of computer. Also describe component of PC.
- Q 2:-**What is Secondary Memory? Explain Mechanism of magnetic and optical memory.
- Q 3:-**What are different types of Logic Gates? Explain by using symbols and truth table.
- Q 4:-**Explain Analog Digital & hybrid computer. Also Explain ASCII, BCD, and EBCDIC.
- Q 5:-**What are the role of input and Output Technique and I/O Peripherals?

**Q 6:- (A)** Convert following numbers to hexadecimal.

- a.(360)<sub>8</sub> b.(2262)<sub>10</sub> c.(10011.1101)<sub>2</sub> d.(10.1)<sub>2</sub>

**(B)** Find decimal equivalent of following numbers

- a. 10001.01<sub>2</sub> b. 10111.011<sub>2</sub> c. 247.65<sub>8</sub> d. 2A7.C5<sub>16</sub>

**(C)** Find the Hexadecimal equivalent of the following binary numbers :

- a. 1111011 b.11110 c.10111111 d.111101 e.1111101 f.1000 g.111001100

**(D)** Construct NOT, AND, OR gates using NAND gate.

**Section-A**

**Multiple Choice Questions**

- 1:- The most common input device used today is the \_\_\_\_\_  
 (a) Motherboard (b) Ccentral processing unit (c) Kkeyboard  
 (d) System unit (e) Semiconductor
- 2:- One Peta Byte equivalent to-  
 (a)  $2^{80}$  Bytes (b)  $2^{70}$  Byte (c)  $2^{50}$  Bytes (d) None
- 3:- What of the following terms is related to a monitor?  
 (a) Screen (b) Monochrome monitor (c) RGB monitor  
 (d) Video display (e) All of the above
- 4:- Software instructions intended to satisfy a user's specific processing needs are called \_\_\_\_\_  
 (a) Systems software (b) A microcomputer (c) Documentation  
 (d) Applications software (e) All of the above
- 5:- To be information, data must be  
 (a) Factual (b) Relevant (c) News  
 (d) All of the above (e) None of the above

**Section B**

- 6:- Write full name of following  
 (a) OBR (b) LASER (c) UPS (d) PC-AT/AT  
 (e) VLSI (f) GPRS (g) ARPANET (h) IBM

**True / False**

- 1:- DMA is used for transfer data from memory to CPU.
- 2:- Computer some time is called GIGO.
- 3:- BIOS is an example of RAM.
- 4:- Buffer is a portion of storage used to hold input / output data temporarily.
- 5:- A bus is a set of wires (lines) that we can visualize of the motherboard of computer..

**Section C Long type answer**

- 1:- What is Computer? Explain characteristic of computer. Also describe component of PC.
- 2:- What is Secondary Memory? Explain Mechanism of magnetic and optical memory.
- 3:- What are different types of Logic Gates? Explain by using symbols and truth table.
- 4:- Explain Analog Digital & hybrid computer. Also Explain ASCII, BCD, and EBCDIC.
- 5:- What are the role of input and Output Technique and I/O Peripherals?
- 6:- **(A)** Convert following numbers to hexadecimal.  
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**(B)** Find decimal equivalent of following numbers  
 a. 10001.01<sub>2</sub>                      b. 10111.011<sub>2</sub>                      c. 247.65<sub>8</sub>                      d. 2A7.C5<sub>16</sub>  
**(C)** Find the Hexadecimal equivalent of the following binary numbers :  
 a. 1111011      b.11110      c.10111111      d.111101      e.1111101      f.1000      g.111001100  
**(D)** Construct NOT, AND, OR gates using NAND gate.

Time:- 2 :00 Hour

Max Mark's:-100

**Section A Multiple Choices**

- Question 1 Which of the following is not an operating system?  
(a) DOS (c) Oracle  
(b) Linux (d) Windows
- Question 2 Data are  
(a) Raw facts and figures (b) Information  
(c) Electronic representation of facts (d) None of these
- Question 3 Which of the following can be used as primary memory  
(a) Cartridge tape (c) Optical disk  
(b) Hard disk (d) None of these
- Question 4 Holding of all data and instruction to be processed is one of the functions of  
(a) CPU (c) Storage unit  
(b) Output unit (d) None of these
- Question 5 To select the entire row in Excel, click mouse  
(a) Anywhere in the worksheet (b) At row heading  
(c) Both (a) and (b) above (d) None of the above
- Question 6 The first line/bar on the Word window where the name of the document is displayed is called  
(a) First bar (c) Title bar  
(b) Head bar (d) None of the above
- Question 7 If the results of a formula cannot be displayed completely in a cell, it displays  
(a) ##### (c) +++++++  
(b) @@@@ (d) None of the above
- Question 8 Which of the following can be used to create presentation from scratch?  
(a) Auto content wizard (c) Sample presentation  
(b) Design templates (d) Blank presentation
- Question 9 Following is the example of Toggle case  
(a) TOGGLE CASE (c) Toggle cASE  
(b) toggle case (d) None
- Question 10 Creating from letters using Mail Merge involves  
(a) Creating the main document  
(b) Creating the main document and data source  
(c) Inserting merged fields in the main document and merging the main document with data source  
(d) Both (b) and (c) above
- Question 11 Word document can be navigated in  
(a) Normal view (c) Print layout view  
(b) Web layout view (d) All of the above
- Question 12 In Excel, addressing mode(s) that can be used in a formula is/are  
(a) Only absolute (b) Only absolute and relative  
(c) Absolute, relative and mixed (d) Not applicable
- Question 13 Which of the following views can you use to show just the slide and its contents?  
(a) Normal (b) Slide

- |             |   |                             |
|-------------|---|-----------------------------|
|             | (c) Notes Page  | (d) Slide Show              |
| Question 14 | Excel Office Assistant can be made to appear by using                                       |                             |
|             | (a) F1 Key  | (b) Help menu               |
|             | (c) Both a And b  | (d) None of the above       |
| Question 15 | Hardware that adds two numbers is   |                             |
|             | (a) The control unit  | (b) Arithmetic logical unit |
|             | (c) An internal CPU register  | (d) None of the above       |
| Question 16 | The computer as a machine and all other physical equipment associated with it are termed as |                             |
|             | (a) Hardware  | (b) Firmware                |
|             | (c) Software  | (d) None of these           |
| Question 17 | Plotters are very useful in applications such as  |                             |
|             | (a) Computer aided design   | (b) Financial Accounting    |
|             | (c) Word Processing   | (d) None of these           |
| Question 18 | Which of the following is a graphic package   |                             |
|             | (a) Adobe Page Maker  | (b) Microsoft Word          |
|             | (c) Acrobat Reader  | (d) Corel Draw              |
| Question 19 | What is the maximum number of showing positioning of per page handouts                      |                             |
|             | (a) 3 per page  | (b) 4 per page              |
|             | (c) 9 per page  | (d) 12 per page             |
| Question 20 | The print to file option creates  |                             |
|             | (a) .txt file   | (b) bak file                |
|             | (c) .prn file   | (d) .doc file               |

### **Section B True / False**

- |             |  |
|-------------|--|
| Question 1  | All binary numbers consist of a string of 0's and 1's.   |
| Question 2  | Micro computer is called micro because it consists of microprocessor.                            |
| Question 3  | Personal Computer is a micro computer.   |
| Question 4  | Computer aided design packages are restricted to engineering workstation systems.                |
| Question 5  | Header is not displayed by WORD in the normal view.  |
| Question 6  | A cell entry can be edited either in the cell or in the formula bar.                             |
| Question 7  | Text can be inserted anywhere on the slide.  |
| Question 8  | Character size is measured in points.  |
| Question 9  | Different cells in a column can have different widths.   |
| Question 10 | You cannot open two different workbooks in Excel simultaneously.                                 |
| Question 11 | VDUs (Visual Display Units) can be used both as an input and output devices.                     |
| Question 12 | You can preview a template before choosing it.   |
| Question 13 | You can use Internet Explorer program to open a word document.                                   |
| Question 14 | Different cells in a row can have different height.  |
| Question 15 | OCR is a device that scans written or typed text and transforms it into computer readable forms. |
| Question 16 | You cannot see Page Breaks in Excel Worksheet.   |
| Question 17 | You can make changes to a document in Print Preview mode.  |
| Question 18 | In binary representation, we use only two digits called bits.                                    |
| Question 19 | You cannot hide a sheet in Excel, if it is the only sheet in a Workbook.                         |
| Question 20 | Access to data stored on a magnetic tape is random.  |
| Question 21 | Pure black and white is available in the print options.  |
| Question 22 | When you increase the font size, the row height is automatically adjusted.                       |
| Question 23 | Scatter chart is also called a Doughnut Chart.   |
| Question 24 | Current sentence can be selected by F8 key.  |



- Question 25 Word processing package may have a document or page orientation.
- Question 26 LINUX is multi-user, multitasking OS that can run on PCs and large system, as well.
- Question 27 CPU consists of ALU, memory unit and output device.
- Question 28 Information is retrieved from CD-ROM using a laser beam.
- Question 29 You can draw objects in a presentation by using the Design toolbar.
- Question 30 In Word, you can set page numbers to appear in the header or footer region on the page.

**Section C Long Type Question -**

- Question 1 (a) What is a template? How can you create a template using WORD?  
(b) What is "Style Sheet"? What are its applications in a WORD document.
- Question 2 Explain the following functions in MS-EXCEL giving examples:  
(a) MAX() (b) SLN()  
(c) TODAY() (d) PMT()
- Question 3 What is slide transition and how is it different from Slide animation?
- Question 4 What are margins and how are they set in a document created in MS-Word.
- Question 5 What is a Notepad and how does it differ from Word pad? How does it compare with a word processing package such as Microsoft Word?
- Question 6 (a) Write a short note on spelling checker feature of MS-Word 2007?  
(b) What is OLE. How does linking a file differ from embedding a file in Windows? Give the method to embed and
- Question 7 Explain with reference to Chart  
(a) Data Series (b) Legend (c) Area Chart
- Question 8 (a) What is mail merge helper? What are the various steps involved in its usage?  
(b) Describe briefly the various methods to get help in MS-Excel 2000.
- Question 9 How Header and Footer are useful in the presentation of slides? Give a method of putting Date and Time as the Header.
- Question 10 Describe the different ways to create a new presentation in power point?
- Question 11 (a) How do you create a Chart in a MS-Word document? What are the different methods?  
(b) Explain table menu, the selection of table, addition/deletion of rows/ columns, entering/editing of text and changing the height of rows in MS-Word.
- Question 12 Define the following terms  
(a) Embedded Chart  
(b) Chart Sheet  
(c) Relative References for a cell
- Question 13 What do you understand by the Power Point masters. Explain the difference between title master and slide master.
- Question 14 Write short notes on  
(a) ASCII (b) Four commands used in DOS for Disk Management  
(c) Different types of memory (d) LINUX operating system  
(e) Effect of computers on society
- Question 15 What is MS-Power? Describe its elements.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT**

EXAM - JUNE-2011

**PAPER - OM-2**

**PAPER CODE - OM-2**

**MS OFFICE**

Time: - 2 Hours

Max Mark's:-70

**Section A Multiple Choices**

**Question 1:-** Window -7 is

- (a) GUI OS                      (b) CUI OS                      (c) Languages                      (d) None
- Question 2:-** Which is not a characteristic of Windows
- (a) Device independence                      (b) File sharing                      (c) MS Dos support                      (d) Versatile
- Question 3:-** Control menu box consist of
- (a) Minimize                      (b) Close                      (c) Move                      (d) All
- Question 4:-** Equation editor is an option of customized feature of
- (a) Tools menu.                      (b) Insert menu.                      (c) View menu.                      (d) Non
- Question 5:-** Which is not an OS
- (a) Oracle                      (b) Windows NT                      (c) Windows XP                      (d) Windows98
- Question 6:-** Office assistance option reside in
- (a) Tools menu.                      (b) Help menu.                      (c) Format menu.                      (d) None
- Question 7:-** ALT + SPACE + R command is used for -
- (a) Maximize Window                      (b) Restore Window                      (c) Close                      (d) None
- Question 8:-** Number of rows in one worksheet are -
- (a) 256                      (b) 255                      (c) 1048576                      (d) None
- Question 9:-** Mod ( ) function return -
- (a) Remainder Value                      (b) Absolute Values                      (c) +1                      (d) All
- Question 10:-** A formula may consist of -
- (a) Operators                      (b) Cell references                      (c) Range name                      (d) All

#### **Section B      True / False**

- Question 1:-** Shift+F10 close an open windows
- Question 2:-** Folder and Directory both have same meaning.
- Question 3:-** F10 key is used for refresh.
- Question 4:-** Toggle key is used for select item.
- Question 5:-** paint brush is presentation graphics software.
- Question 6:-** MS Excel is a word processing software..
- Question 7:-** .gif is an extension name of paint brush file.
- Question 8:-** .gif is an extension name of image file.
- Question 9:-** .sys is an extension name of sound file.
- Question 10:-** Numeric key pad consist of 17 keys.

#### **Section C      Long Type Question -**

- Question 1:-** What is the role of word processing software? Why use this s/w
- Question 2:-** What are different categories of functions?
- Question 3:-** What are different types of charts? Explain it.
- Question 4:-** Make a worksheet for Payroll System.
- Question 5:-** Write short notes of any three –

- (a) Organization Chart                      (b) OLE                      (c) Format tool Bar
- (d) Goal Seek                      (e) Trend Lines

Time:- 2 :30 Hour

Max Mark's:-70

Note: Attempt all question

**Section A Multiple Choices**

- Question 1 Which of the following in not an operating system?  
(a) DOS (c) Oracle  
(b) Linux (d) Windows
- Question 2 Data are  
(a) Raw facts and figures (b) Information  
(c) Electronic representation of facts (d) None of these
- Question 3 Which of the following can be used as primary memory  
(a) Cartridge tape (c) Optical disk  
(b) Hard disk (d) None of these
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(a) Normal view (c) Print layout view  
(b) Web layout view (d) All of the above .
- Question 5 What is the maximum number of showing positioning of per page handouts  
(a) 3 per page (b) 4 per page  
(c) 9 per page (d) 12 per page
- Question 6 Holding of all data and instruction to be processed is one of the functions of  
(a) CPU (c) Storage unit  
(b) Output unit (d) None of these
- Question 7 To select the entire row in Excel, click mouse  
(a) Anywhere in the worksheet (b) At row heading  
(c) Both (a) and (b) above (d) None of the above
- Question 8 The first line/bar on the Word window where the name of the document is displayed in called  
(a) First bar (c) Title bar  
(b) Head bar (d) None of the above
- Question 9 Hardware that adds two numbers is  
(a) The control unit (b) Arithmetic logical unit  
(c) An internal CPU register (d) None of the above
- Question 10 Which of the following is a graphic package  
(a) Adobe Page Maker (b) Microsoft Word  
(c) Acrobat Reader (d) Corel Draw

PTO

**Section B True / False**

- Question 1 Header is not displayed by WORD in the normal view.
- Question 2 A cell entry can be edited either in the cell or in the formula bar.
- Question 3 Text can be inserted anywhere on the slide.
- Question 4 You can draw objects in a presentation by using the Design toolbar.
- Question 5 You cannot open two different workbooks in Excel simultaneously.
- Question 6 You can preview a template before choosing it.

- Question 7 You can use Internet Explorer program to open a word document.
- Question 8 Different cells in a row can have different height.
- Question 9 You cannot see Page Breaks in Excel Worksheet.
- Question 10 You can make changes to a document in Print Preview mode.
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- Question 12 Pure black and white is available in the print options.
- Question 13 When you increase the font size, the row height is automatically adjusted.
- Question 14 Scatter chart is also called a Doughnut Chart.
- Question 15 Current sentence can be selected by F8 key.

### **Section C Long Type Question**

**Note:** Write answer on **any three** of the following-

- Question 1 (a) What is a template? How can you create a template using WORD?  
(b) What is "Style Sheet"? What are its applications in a WORD document.
- Question 2 Explain the following functions in MS-EXCEL giving examples:  
(a) HLOOKUP() (b) SLN()  
(c) VLOOKUP() (d) PMT()
- Question 3 What is slide transition and how is it different from Slide animation?
- Question 4 Explain with reference to Chart  
(a) Scenario (b) Pivot Table (c) Pie Chart
- Question 5 (a) What is mail merge helper? What are the various steps involved in its usage?  
(b) Describe briefly the various methods to get help in MS-Excel 2007.
- Question 6 Define the following terms  
(a) Goal Seek (b) Chart Sheet (c) Relative References for a cell

## **INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM SEP-2017**

**PAPER - OM-2**

**MS OFFICE**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt all question

### **Section A Multiple Choices**

- Question 1 Which of the following is not an operating system?  
(a) DOS (c) Oracle  
(b) Linux (d) Windows
- Question 2 Data are  
(a) Raw facts and figures (b) Information  
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- Question 5 What is the maximum number of showing positioning of per page handouts  
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- Question 6 Holding of all data and instruction to be processed is one of the functions of  
 (a) CPU (c) Storage unit  
 (b) Output unit (d) None of these
- Question 7 To select the entire row in Excel, click mouse  
 (a) Anywhere in the worksheet (b) At row heading  
 (c) Both (a) and (b) above (d) None of the above
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 (a) First bar (c) Title bar  
 (b) Head bar (d) None of the above
- Question 9 Hardware that adds two numbers is  
 (a) The control unit (b) Arithmetic logical unit  
 (c) An internal CPU register (d) None of the above
- Question 10 Which of the following is a graphic package  
 (a) Adobe Page Maker (b) Microsoft Word  
 (c) Acrobat Reader (d) Corel Draw

### **Section B True / False**

- Question 1 Header is not displayed by WORD in the normal view.
- Question 2 A cell entry can be edited either in the cell or in the formula bar.
- Question 3 Text can be inserted anywhere on the slide.
- Question 4 You can draw objects in a presentation by using the Design toolbar.
- Question 5 You cannot open two different workbooks in Excel simultaneously.
- Question 6 You can preview a template before choosing it.
- Question 7 You can use Internet Explorer program to open a word document.
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- Question 9 You cannot see Page Breaks in Excel Worksheet.
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- Question 14 Scatter chart is also called a Doughnut Chart.
- Question 15 Current sentence can be selected by F8 key.

### **Section C Long Type Question**

**Note:** Write answer on **any three** of the following-

- Question 1 (a) What is a template? How can you create a template using WORD?  
 (b) What is "Style Sheet"? What are its applications in a WORD document.
- Question 2 Explain the following functions in MS-EXCEL giving examples:  
 (a) HLOOKUP() (b) PV()  
 (c) RAND() (d) FV()
- Question 3 What is slide transition and how is it different from Slide animation?
- Question 4 Explain with reference to Chart  
 (a) Scenario (b) Database Power Of MS Excel (c) Pie Chart
- Question 5 (a) What is mail merge helper? What are the various steps involved in its usage?  
 (b) Describe briefly the various methods to get help in MS-Excel 2007.
- Question 6 Define the following terms  
 (a) Goal Seek (b) Chart Sheet (c) Relative References for a cell

**EXAM DEC-2014**

**PAPER - OM-2**

**MS OFFICE**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt all question

**Section A Multiple Choices**

- |             |  |                               |                       |
|-------------|--|-------------------------------|-----------------------|
| Question 1  | Move to cell A1 by command ____  | (a) Alt + Home                | (b) Shift + Home      |
|             |  | (c) Ctrl + Home               | (d) None of these     |
| Question 2  | Select entire row by command ____  | (a) Alt + Space               | (b) Ctrl + Space.     |
|             |  | (c) Shift + Space             | (d) None of these     |
| Question 3  | Open Excel Name Manager by command ____  | (a) Ctrl + F1                 | (c) Ctrl + F2         |
|             |  | (b) Ctrl + F3                 | (d) None of these     |
| Question 4  | Switch between open workbooks or windows by command ____                       | (a) Ctrl + F5                 | (c) Alt+ F5           |
|             |  | (b) Ctrl + F6                 | (d) Alt + F6          |
| Question 5  | Restore picture to proportional size by command ____                           | (a) Ctrl+double-click         | (b) Alt+double-click  |
|             |  | (c) Shift+double-click        | (d) All of these      |
| Question 6  | Holding of all data and instruction to be processed is one of the functions of | (a) CPU                       | (c) Storage unit      |
|             |  | (b) Output unit               | (d) None of these     |
| Question 7  | To select the entire row in Excel, click mouse                                 | (a) Anywhere in the worksheet | (b) At row heading    |
|             |  | (c) Both (a) and (b) above    | (d) None of the above |
| Question 8  | Output of ceiling (−67.45, 13)   | (a) 78                        | (c) -78               |
|             |  | (b) #NUM                      | (d) None of the above |
| Question 9  | Output of Code ("ICSM")  | (a) 71                        | (b) 72                |
|             |  | (c) 73                        | (d) None of the above |
| Question 10 | Which of the following is a graphic package                                    | (a) Adobe Page Maker          | (b) Microsoft Word    |
|             |  | (c) Acrobat Reader            | (d) Corel Draw        |

PTO

**Section B True / False**

- |            |   |
|------------|---|
| Question 1 | The diagrammatical/Graphical representation of any flow chart is called algorithm.          |
| Question 2 | Step by step, problem-solving technique is called flow chart.                               |
| Question 3 | Coral Draw is used for editing images.  |
| Question 4 | Oracle is used for making Computer Aided Design.  |
| Question 5 | Finiteness, Definiteness, Effectiveness, Input and Output is characteristics of flow chart. |
| Question 6 | Assembler, Interpreter and Compiler are application S/W.                                    |

- Question 7 To remove error from source codes is called bug.
- Question 8 HLL provide not Natural English like language.
- Question 9 Compiler takes less execution time.
- Question 10 Memory System, File System, I/O System, CPU/Processor, Protection, Networking management, Command Interpretation and Process Management are not characteristics of OS.
- Question 11 MEM is used for display version of MS Dos.
- Question 12 RD is used for entering existing directory/Folder.
- Question 13 grep is used for sending message from super user on each terminal.
- Question 14 Dialog Box is the idea of metaphors has brought the computer closure to natural environment of the end user.
- Question 15 Restore, Maximize, Minimize, Close, Move and Size are options of Metaphors.

### **Section C Long Type Question**

**Note:** Write answer on any three of the following-

- Question 1 (a) What is the role of word processing S/W? Describe in brief.  
(b) What is the role of presentation graphics S/W? Describe in brief.
- Question 2 Explain the following functions in MS-EXCEL giving examples:  
(a) RAND() (b) SIGN() (c) FACT()  
(d) COUNTIF() (e) MODE() (f) FV()
- Question 3 Explain Application of GUI in brief.
- Question 4 Discuss role of Control Pannel in computer system in brief.
- Question 5 Describe about following commands in used for MS Excel.  
(a) Ctrl + Page down (b) Ctrl + Shift + 5 (c) Ctrl + Shift + =  
(d) Ctrl + Shift + ; (e) Alt + Shift + F1 (f) Shift + F3  
(g) Shift + F5 (h) F3 (i) F5  
(j) Ctrl + F3
- Question 6 Define the following terms  
(a) Template (b) Role of Trend Lines (c) Database Power of Excel  
(d) Macros (e) Cell Reference (f) Paper Size

\*\*\*

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM DEC-2016**

**PAPER's CODE:-**

**OM-02/BCC-02/DTP-02/CCC-02/CFA-02/ADCA-02**

**Time:- 02 :30 Hours**

**MS OFFICE**

**Max Mark's:-100**

**Note:** Attempt all question!

### **Section-A Multiple Choices**

- Question 1:-** Control menu box in windows consist of  
(a) Minimize (b) Close (c) Move (d) All
- Question 2:-** Equation editor in MS Word is an option of customized feature of  
(a) Tools menu. (b) Insert menu. (c) View menu. (d) Non
- Question 3:-** Which one of the following is not an OS  
(a) DB2 (b) Windows NT (c) Windows XP (d) Windows 7
- Question 4:-** Office assistance option reside in  
(a) Tools menu. (b) Help menu. (c) Format menu. (d) None

- Question 5:-** ALT + SPACE + N command is used for -  
**(a)** Maximize Window **(b)** Restore Window **(c)** Close **(d)** None
- Question 6:-** To verify that the note text is positioned correctly on the page, switch to \_\_\_\_\_ view or display the document in print preview.  
**(a).** normal **(b).** print layout **(c).** page layout **(d).** page edit
- Question 7:-** The ability to combine name and addresses with a standard document is called \_\_\_\_\_  
**(a)** document formatting **(b)** database management  
**(c)** mail merge **(d)** form letters
- Question 8:-** Which enables us to send the same letter to different persons?  
**(a)** macros **(b)** template **(c)** mail merge **(d)** none
- Question 9:-**What is gutter margin?  
**(a).** Margin that is added to the left margin when printing  
**(b).** Margin that is added to right margin when printing  
**(c).** Margin that is added to the binding side of page when printing  
**(d).** Margin that is added to the outside of the page when printing
- Question 10:-**Which of the following is not valid version of MS Office?  
**(a).** Office XP **(b).** Office Vista **(c).** Office 2007 **(d).** None

### **Section-B Function of Commands**

#### **True / False**

- Question 1** The diagrammatical/Graphical representation of any flow chart is called algorithm.
- Question 2** Step by step, problem-solving technique is called flow chart.
- Question 3** Coral Draw is used for editing images.
- Question 4** Oracle is used for making Computer Aided Design.
- Question 5** Finiteness, Definiteness, Effectiveness, Input and Output is characteristics of flow chart.
- Question 6** Assembler, Interpreter and Compiler are application S/W.
- Question 7** To remove error from source codes is called bug.
- Question 8** HLL provide not Natural English like language.
- Question 9** Compiler takes less execution time.
- Question 10** Memory System, File System, I/O System, CPU/Processor, Protection, Networking management, Command Interpretation and Process Management are not characteristics of OS.

### **Section-C Long Type Question**

#### **Note:-Attempt any Six questions:-**

- Question 1** (a) Discuss role of Control Panel in computer system in brief.  
 (b) What is OLE? How does linking a file differ from embedding a file in Windows?  
 Give the method to embed and
- Question 2** Explain with reference to Chart  
**(a)** Data Series **(b)** Legend **(c)** Area Chart
- Question 3** (a) What is a template? How can you create a template using WORD?  
 (b) Describe briefly Income and expense scenario step by step.
- Question 4** How Header and Footer are useful in the presentation of slides? Give a method of putting Date and Time as the Header.
- Question 5** Describe about following commands in used for MS Excel.  
**(a)** Ctrl + Page down **(b)** Ctrl + Shift + 5 **(c)** Ctrl + Shift + =  
**(d)** Ctrl + Shift + ; **(e)** Alt + Shift + F1 **(f)** Shift + F3
- Question 6** Define the following terms  
**(a)** Template **(b)** Role of Trend Lines **(c)** Database Power of Excel  
**(d)** Macros **(e)** Cell Reference **(f)** Paper Size
- Question 7** Define the following terms



(a) Embedded Chart      (b) Chart Sheet      (c) Relative References for a cell

**Question 8**

What is Multimedia? Describe elements of multimedia.

\*\*\*

PAPER - OM-02/CCC-02

MS OFFICE

Time:- 2 :30 Hour

Max Mark's:-70

**Note:** Attempt any **Seven** Questions.

**Question 1:-** What do you understand about GUI? Describe in brief.

**Question 2:-** Describe about data base power feature in Excel also explain regression analysis.

**Question 3:-** Describe about each and every element of Chart with suitable example.

**Question 4:-** What do you about Goal Seek and Scenario Manger?

**Question 5:-** How to apply formula in MS Excel? Explain with suitable example.

**Question 6:-** What is the role of presentation graphics S/W? Describe in brief.

**Question 7:-** Explain the following functions in MS-EXCEL giving examples:

(a) IF()

(b) VLOOKUP()

(c) SUMSQ()

(d) DDB()

**Question 8:-** Write short notes of any three –

(a) Customize Feature

(b) Mail Merge Features

(c) Windows Explorer

(d) File Naming System Technique

(e) Accessories Features

(f) Time Card

**Question 9:-** Write function of following commands.

Ctrl+W

Alt+F4

Ctrl+Alt+Z

F1

Shift+F5

Ctrl+G

Ctrl+F

Ctrl+H

Ctrl+Shift+L

F10

Ctrl+O

Shift+F10

Alt+Space+N

Tab

Ctrl+Enter

Alt +Ctrl+R

Alt+ Ctrl +C

Alt+Ctrl+T

Shift+F1

Alt+F+A

Alt+V+H

Alt+V+Z Alt+V+U

Ctrl+Shift+L

Ctrl+Alt+L

\*\*\*

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**PAPER - OM-2**

**MS OFFICE**

**Time:- 2 :00 Hour**

**May Test 2018**

**Max Mark's:-100**

**Section A Multiple Choices**

1. Linux and Unix both are---  
(a) GUI OS (b) CUI OS (c) Languages (d) None
2. Which of the following is characteristics of Operating System.  
(a) Device independence (b) File sharing (c) MS Dos support (d) All
3. Control menu box in windows consist of  
(a) Minimize (b) Close (c) Move (d) All
4. Equation editor in MS Word is an option of customized feature of  
(a) Tools menu. (b) Insert menu. (c) View menu. (d) Non
5. Which one of the following is not an OS  
(a) DB2 (b) Windows NT (c) Windows XP (d) Windows 7
6. Office assistance option reside in  
(a) Tools menu. (b) Help menu. (c) Format menu. (d) None
7. ALT + SPACE + N command is used for -  
(a) Maximize Window (b) Restore Window (c) Close (d) None
8. Number of rows in one worksheet of MS Office 7 -  
(a) 256 (b) 255 (c) 1048576 (d) None
9. SIGN ( ) function return -  
(a) Remainder Value (b) Absolute Values (c) +1 or -1 (d) None
10. A formula may consist of -  
(a) Operators (b) Cell references (c) Range name (d) All

**Section B True / False**

1. Alt+F4 close an open windows
2. **Folder** and **Directory** both have same meaning.
3. F5 key is used for refresh.
4. **Wnndows+R** is used for display desktop screen.
5. PowerPoint is presentation graphics software.
6. Corel Draw is a word processing software.
7. Page Maker is used for making worksheet.
8. .gif is an extension name of image file.
9. .jpg is an extension name of sound file.
10. .wav is an extension of Digital Sound.

**Section C Long Type Question –**

**Note:-Attempt any Five questions:-**

**16\*5=80**

1. Make a worksheet for class 12 student's subject containing (Hindi, English, Math, Physics, and Chemistry) and Pass with grace in **any two subject** that got Grace 10 marks maximum. And grade criteria is per>=85 & per<=100 'A', per>=75 & per<85 'B', per>=65 & per<75 'C', per>=55 & per<65 'D', per>=45 & per<55 'E', per>=33 & per<45 'F',
2. Explain the following functions in MS-EXCEL giving examples:  
(a) COUNTIF() (b) SUMSQ () (c) LN () (d) CODE() (e) EVEN ()
3. What are margins and how are they set in a document created in MS-Word.

**4.** Explain with reference to Chart/Graph

(a) Data Series (b) Legend (c) Area Chart (d) Collate

**6.** Explain table menu, the selection of table, addition/deletion of rows/columns, entering/editing of text and changing the height of rows in MS-Word.

**7.** Write short notes of any three –

(a) Equation Editor (b) Organization Charts (c) Template Wizard  
(d) Balance Sheet (e) Loan Amortization Sheet (f) Expense Sheet

\*\*\*

**Note:** Attempt all question!

**Section-A Multiple Choices**

- Question 1:- The Magnifier button is available on the
- (A) Print Preview toolbar
  - (B) Standard toolbar
  - (C) Formatting toolbar
  - (D) None of the above.
- Question 2:- "In the print dialog box of Word, you can select"
- (A) All page in a range
  - (B) Odd pages
  - (C) Even pages
  - (D) Any of the above
- Question 3:- "In Word, print preview command is found under which menu?"
- (A) File
  - (B) Tools
  - (C) View
  - (D) Edit
- Question 4:- Status bar shows different types of keys:
- (A) Num lock key
  - (B) Scroll lock key
  - (C) Caps lock key
  - (D) All of these
- Question 5:- "In Excel, once a range has been named, you can go to a range"
- (A) By selecting ranges using the name box
  - (B) By selecting ranges using the [F5] key
  - (C) Both a and b
  - (D) None of the above.

**Section-B Function of Commands**

- Question 1:- Explain the following task of the Commands.
- (a) CTRL+F
  - (b) CTRL+SHIFT+F7
  - (c) ALT+SHIFT+T
  - (d) ALT+SPACE+X
  - (e) SHIFT+F3
  - (f) CTRL+SHIFT+\*
  - (g) CTRL+]
  - (h) CTRL+[
  - (i) CTRL+>
- Question 2:- State whether the following statement are TRUE or FALSE.
- A. When a formatted number does not fit within a cell, it displays #DIV/0.
  - B. You cannot change the position of the slide images on the Handout master.
  - C. You can enlarge the sheep up to 500% while printing.
  - D. When you hide a slide it remains in you file, even through it is hidden when you run the presentation.
  - E. When you turn on background printing, you can continue working in Power Point while you print.

**Section-C Long Type Question**

**Note:-** Write answer on **any four** of the following-

- Question 1:-
- (a) Describe about windows of MS Word and Power Point in brief.
  - (b) Explain printing dialog box of MS Word with the help of diagram.
- Question 2:- Explain the following functions in MS-EXCEL giving examples:

- (a) SUMPRODUCT( ) (b) SUMIF( ) (c) IF( )  
 (d) RAND( ) (e) FV( ) (f) DB( )

Question 3:- Make a **Mark sheet** for course of **Office Management**.

Question 4:- Write short notes of the following.

- (a) Balance Sheet (b) Multimedia (c) Printing Paper Size.

Question 5:- (A) Draw a Pie Chart of the following Data Series?

Delhi	Q1	Q2	Q3	Q4
Sales (Crore)	10	12	14	16

(B) Differentiate between:-

1. Virus & Antivirus.
2. Primary File Name & Secondary File Name.
3. Algorithm & Flow Chart.

Question 6:- Define the following terms:-

- (a) Tab Setting (b) Translator (c) Operating System.

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM DECEMBER-2015**

**PAPER's CODE:-**

**OM-02/BCC-02/DTP-02/CCC-02/CFA-02**

**Time:- 02 :00 Hours**

**MS OFFICE**

**Max Mark's:-70**

**Note:** Attempt all question!

**Section-A Multiple Choices**

Question 1:- The Magnifier button is available on the

- (A) Print Preview toolbar  
 (B) Standard toolbar  
 (C) Formatting toolbar  
 (D) None of the above.

Question 2:- "In the print dialog box of Word, you can select"

- (A) All page in a range (B) Odd pages  
 (C) Even pages (D) Any of the above

Question 3:- "In Word, print preview command is found under which menu?"

- (A) File (B) Tools  
 (C) View (D) Edit

Question 4:- Status bar shows different types of keys:

- (A) Num lock key (B) Scroll lock key  
 (C) Caps lock key (D) All of these

Question 5:- "In Excel, once a range has been named, you can go to a range"

- (A) By selecting ranges using the name box  
 (B) By selecting ranges using the [F5] key  
 (C) Both a and b  
 (D) None of the above.

**Section-B Function of Commands**

Question 1:- Explain the following task of the Commands.

- (a) CTRL+F (b) CTRL+SHIFT+F7 (c) ALT+SHIFT+T (d) ALT+SPACE+X  
 (e) SHIFT+F3 (f) CTRL+SHIFT+\*  
 (g) CTRL+] (h) CTRL+[ (i) CTRL+>

Question 2:- State whether the following statement are TRUE or FALSE.

- F. When a formatted number does not fit within a cell, it displays #DIV/0.  
 G. You cannot change the position of the slide images on the Handout master.  
 H. You can enlarge the sheep up to 500% while printing.  
 I. When you hide a slide it remains in you file, even through it is hidden when you run the presentation.  
 J. When you turn on background printing, you can continue working in Power Point while you print.

### Section-C Long Type Question

**Note:-** Write answer on **any four** of the following-

Question 1:- (a) Describe about windows of MS Word and Power Point in brief.

(c) Explain printing dialog box of MS Word with the help of diagram.

Question 2:- Explain the following functions in MS-EXCEL giving examples:

- (a) SUMPRODUCT( ) (b) SUMSQ( ) (c) IF( )  
 (d) RAND( ) (e) FV( ) (f) DDB( )

Question 3:- Make a **Mark sheet** for course of **Office Management**.

Question 4:- Write short notes of the following.

- (a) Balance Sheet (b) Multimedia (c) Printing Paper Size.

Question 5:- (A) Draw a Pie Chart of the following Data Series?

Delhi	Q1	Q2	Q3	Q4
Sales (Crore)	10	12	14	16

(B) Differentiate between:-

- Virus & Antivirus.
- Primary File Name & Secondary File Name.
- Algorithm & Flow Chart.

Question 6:- Define the following terms:-

- (a) Tab Setting (b) Translator (c) Operating System.

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**PAPER's Code- OM-02/BCC-02/DTP-02/CCC-02 MS OFFICE**

Time:- 2 :00 Hour

Max Mark's:-100

**Note:** Attempt any **Seven** Questions.

**Q 1:-** Write formulas for the operations (a) – (d) based on the spreadsheet given below along with the relevant cell address:

	A	B	C	D	E	F	G
1	SNO	Name	Science	Maths	Computers	Total	Average
2	1	Swati	70	80	87	--	--
3	2	Shruti	90	98	89	--	--
4	3	Neelu	90	90	98	--	--
5	4	Rosy	60	76	79	--	--
6	5	Shreya	50	45	67	--	--
7	Max				--		
8	Total		--				

- To calculate the Total Marks as sum of Science, Maths & Computers for each student and display them in column F.
- To calculate the average marks for each student and display them in column G.
- To calculate the highest marks in Computers and display it in cell E7.
- To calculate the total number of students appearing for the Science test and display it in cell C8.

**Q 2:-** Describe about data base power feature in Excel also explain regression analysis.

**Q 3:-** Describe different types of Charts with suitable example.

**Q 4:-** Make a Scenario report for loan premium as well as income and expenses?

**Q 5:-** (A) Draw a Pie Chart of the following Data Series?

Delhi	Q1	Q2	Q3	Q4
Sales (Crore)	20	24	26	28

(B) Differentiate between:-

- Virus & Antivirus.
- Volatile & Non volatile memory.
- Algorithm & Flow Chart.

**Q 6:-** What is the role of presentation graphics S/W? Describe in brief.

**Q 7:-** Explain about GUI as well as role of Kernel and different types of Shell where we write Unix/Linux commands:

**Q 8:-** Explain the following functions in MS-EXCEL giving examples:

- |            |              |                  |             |               |
|------------|--------------|------------------|-------------|---------------|
| (a) EXP( ) | (b) SUMSQ( ) | (c) IF( )        | (d) RAND( ) | (e) Median( ) |
| (f) DB( )  | (g) mode()   | (h) SUMPRODUCT() |             |               |

**Q 9:-** Write short notes of any three –

- |                          |                                  |
|--------------------------|----------------------------------|
| (b) Customize Feature    | (b) Mail Merge Features          |
| (c) Windows Explorer     | (d) File Naming System Technique |
| (e) Accessories Features | (f) Time Card                    |

**Q 10:-** Write function of following commands.

- |        |        |            |              |          |
|--------|--------|------------|--------------|----------|
| Ctrl+W | Alt+F4 | Ctrl+Alt+Z | F1           | Shift+F5 |
| Ctrl+G | Ctrl+F | Ctrl+H     | Ctrl+Shift+L | F10      |

### Multiple Choice

**Q11:-** The ability to combine name and addresses with a standard document is called \_\_\_\_\_

- document formatting
- database management
- mail merge
- form letters



- Q 12:-** Which enables us to send the same letter to different persons?  
a. macros                                      b. template                                      c. mail merge                                      d. none
- Q 13:-** A word processor would most likely be used to do  
a. keep an account of money spent      b. do a computer search in media center  
c. maintain an inventory                      d. type a biography
- Q1 4:-** What is gutter margin?  
a. Margin that is added to the left margin when printing  
b. Margin that is added to right margin when printing  
c. Margin that is added to the binding side of page when printing  
d. Margin that is added to the outside of the page when printing
- Q1 5:-** Which can be used for quick access to commonly used commands and tools?  
a. Status bar                      b. Tool bar                      c. Menu bar                      d. Title bar

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM JUNE-2017**

**PAPER<sup>TS</sup> CODE:-**                                      **OM-02/BCC-02/DTP-02/CCC-02/CFA-02/ADCA-02/DCA-02**

**Time:- 02 :00 Hours**                                      **MS OFFICE**                                      **Max Mark's:-100**

**Section-A Multiple Choices**

- Window -10 is  
(a) GUI OS                                      (b) CUI OS                                      (c) Languages                                      (d) None
- Which is not a characteristic of Windows?  
(a) Device independence                      (b) File sharing      (c) MS Dos support                      (d) Versatile
- Control menu box consist of  
(a) Minimize                                      (b) Close                                      (c) Move                                      (d) All
- Equation editor is an option of customized feature of  
(a) Home Tab.                                      (b) Insert Tab.                                      (c) View Tab.                                      (d) Non
- Which is not an OS  
(a) MS Access                                      (b) Windows XP      (c) Windows 10      (d) Windows-07

**Section-B True / False**

- When you increase the font size, the row height is automatically adjusted.
- Scatter chart is also called a Doughnut Chart.
- Current sentence can be selected by F8 key.
- Word processing package may have a document or page orientation.
- LINUX is multi-user, multitasking OS that can run on PCs and large system, as well.

**Section-C Long Type Question**

**Note:-Attempt any Six questions:-**

**15\*6=90**

- Make a worksheet for class 12 student's subject containing (Hindi, English, Math, Physics, and Chemistry) and Pass with grace in any one subject that got Grace 10 marks maximum. And grade criteria is per>=85 & per<=100 'A', per>=75 & per<85 'B', per>=65 & per<75 'C', per>=55 & per<65 'D', per>=45 & per<55 'E', per>=33 & per<45 'F',
- Explain the following functions in MS-EXCEL giving examples:  
(a) FV ()      (b) SUMSQ ()      (c) LN ()      (d) SUMPRODUCT ()      (e) EVEN ()
- What are margins and how are they set in a document created in MS-Word.
- Explain with reference to Chart/Graph  
(a) Data Series                      (b) Legend                      (c) Area Chart                      (d) Collate

5. How Header and Footer are useful in the presentation of slides? Give a method of putting Date and Time as the Header.
6. Explain table menu, the selection of table, addition/deletion of rows/ columns, entering/editing of text and changing the height of rows in MS-Word.
7. Define the following terms  
 (a) Embedded Chart (b) Chart Area (c) Relative References for a cell
8. Write short notes on  
 (a) Scenario (b) Effect of computers on society  
 (c) Template wizard in MS Excel (b) What is MS-Power? Describe its elements.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2018**

**MS OFFICE**

**PAPER's Code- OM-02/BCC-02/DTP-02/CCC-02/ADCA-02/DIT/02**

**Time:- 2 :00 Hour**

**Max Mark's:-100**

**Note:** Attempt all question

**Section A Multiple Choices Questions**

1. Move to cell A1 by command \_\_\_\_  
 (a) Alt + Home (b) Shift + Home  
 (c) Ctrl + Home (d) None of these
2. Select entire row by command \_\_\_\_  
 (a) Alt + Space (b) Ctrl + Space.  
 (c) Shift + Space (d) None of these
3. Open Excel Name Manager by command \_\_\_\_  
 (a) Ctrl + F1 (c) Ctrl + F2  
 (b) Ctrl + F3 (d) None of these
4. Switch between open workbooks or windows by command \_\_\_\_  
 (a) Ctrl + F5 (c) Alt+ F5  
 (b) Ctrl + F6 (d) Alt + F6
5. Restore picture to proportional size by command \_\_\_\_  
 (a) Ctrl+double-click (b) Alt+double-click  
 (c) Shift+double-click (d) All of these
6. Holding of all data and instruction to be processed is one of the functions of  
 (a) CPU (c) Storage unit  
 (b) Output unit (d) none of these
7. To select the entire row in Excel, click mouse  
 (a) Anywhere in the worksheet (b) At row heading  
 (c) Both (a) and (b) above (d) None of the above
8. Output of ceiling (-32.45, 13)  
 (a) 78 (c) -78  
 (b) #NUM (d) None of the above
9. Output of Code ("ICSM")  
 (a) 71 (b) 72  
 (c) 73 (d) none of these
10. Which of the following is a graphic package  
 (a) Adobe Page Maker (b) Microsoft Word  
 (c) Acrobat Reader (d) Corel Draw

**Section B True / False Questions**

1. Auto filter is a feature in Excel.
2. You can make changes to a document in Print Preview mode.
3. Change case option is in the format menu.
4. Oracle is used for making Computer Aided Design.
5. It is possible to protect an Excel sheet using password
6. Assembler, Interpreter and Compiler are application S/W.
7. Paste special option is in Edit menu
8. Maximum width of a cell is 12.75
9. Header & Footer option is in view menu.
10. A word processor is a software package that helps to create and edit a document.

**Section C Long Type Questions**

**Note: Write answer on any three of the following-**

1. (a) Explain Macro? Write down the steps to record a new macro  
(b) Write all options in slide presentation
2. Explain the following functions in MS-EXCEL giving examples:  
(a) RAND () (b) PRODUCT () (c) FACT ()  
(d) COUNT() (e) MODE () (f) FV ()
3. Explain Application of GUI based OS in brief.
4. Discuss role of Control Panel in computer system in brief.
5. Describe about following commands in used for MS Excel.  
(a) Ctrl + Page down (b) Ctrl + Shift + 5 (c) Ctrl + Shift + =  
(d) Ctrl + Shift + ; (e) Alt + Shift + F1 (f) Shift + F3
6. Define the following terms  
(a) Blood Pressure Tracker (b) Role of Trend Lines (c) Database Power of Excel  
(d) Loan Amortization (e) Scenario of Income/Expenditure (f) Paper Size

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**TEST PAPER DEC-2016**

**PAPER's CODE:-**

**OM-02/BCC-02/DTP-02/CCC-02/CFA-02**

**Time:- 02 :00 Hours**

**MS OFFICE**

**Max Mark's:-100**

**Note: Attempt all question!**

**Section-A Multiple Choices**

- Question 1:- The Magnifier button is available on the  
(A) Print Preview toolbar (B) Standard toolbar  
(C) Formatting toolbar (D) None of the above.
- Question 2:- Which of the following is not an operating system?  
(a) DOS (c) Oracle  
(b) Linux (d) Windows
- Question 3:- Holding of all data and instruction to be processed is one of the functions of  
(a) CPU (c) Storage unit

- (b) Output unit (d) None of these
- Question 4:- Status bar shows different types of keys:
- (A) Num lock key (B) Scroll lock key  
(C) Caps lock key (D) All of these
- Question 5:- "In Excel, once a range has been named, you can go to a range"
- (A) By selecting ranges using the name box (B) By selecting ranges using the [F5] key  
(C) Both a and b (D) None of the above.
- Question 6:- If the results of a formula cannot be displayed completely in a cell, it displays
- (a) ##### (c) +++++++  
(b) @@@@ @ (d) None of the above
- Question 7:- Which of the following can be used to create presentation from scratch?
- (a) Auto content wizard (c) Sample presentation  
(b) Design templates (d) Blank presentation
- Question 8:- In Excel, addressing mode(s) that can be used in a formula is/are
- (a) Only absolute (b) Only absolute and relative  
(c) Absolute, relative and mixed (d) Not applicable
- Question 9:- Plotters are very useful in applications such as
- (a) Computer aided design (b) Financial Accounting  
(c) Word Processing (d) None of these
- Question 10:- Which of the following is a graphic package
- (a) Adobe Page Maker (b) Microsoft Word  
(c) Acrobat Reader (d) Corel Draw

### **Section-C Long Type Question**

**Note:-** Write answer on **any four** of the following-

- Question 1:- (a) Describe about windows of MS Excel and MS Word in brief.  
(d) Explain printing dialog box of MS Power point with the help of diagram.
- Question 2:- Explain the following functions in MS-EXCEL giving examples:
- (a) HLOOKUP ( ) (b) COUNTIF ( ) (c) SLN ( )  
(d) FACT ( ) (e) FV ( ) (f) DATE ( )
- Question 3:- Make a **Mark sheet** for course of **CCC**.
- Question 4:- Write short notes of the following.
- (a) Blood Pressure Tracker (b) OLE
- Question 5:- (A) Draw a Pie Chart of the following Data Series?

Varanasi	Q1	Q2	Q3	Q4
Sales (Crore)	17	13	19	18

(B) Differentiate between:-

10. Virus & Antivirus.
11. BMP & JPEG Picture
12. Tab & Left Indent.
13. Paragraph & Style

Question 6:- Define the following terms:-

- (a) Page Setup (b) Loan Amortization (c) Operating System.

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MS Office

Time: - 2 Hour

Max Mark's:-70

Section A**Question 1:-** The ability to combine name and addresses with a standard document is called \_\_\_\_\_

- a. document formatting                      b. database management                      c. mail merge                      d. form letters

**Question 2:-** Which enables us to send the same letter to different persons?

- a. macros                      b. template                      c. mail merge                      d. none

**Question 3:-** A word processor would most likely be used to do

- a. keep an account of money spent                      b. do a computer search in media center  
c. maintain an inventory                      d. type a biography

**Question 4:-** What is gutter margin?

- a. Margin that is added to the left margin when printing  
b. Margin that is added to right margin when printing  
c. Margin that is added to the binding side of page when printing  
d. Margin that is added to the outside of the page when printing

**Question 5:-** Which can be used for quick access to commonly used commands and tools?

- a. Status bar  
b. Tool bar  
c. Menu bar  
d. Title bar

**Question 6:-** Which of the following is not essential component to perform a mail merge operation?

- a. Main document  
b. Data source  
c. Merge fields  
d. Word fields

**Question 7:-** When the Language bar is \_\_\_\_\_, it means that you do not see it on the screen but it will be displayed the next time you start your computer.

- a. restored  
b. hidden  
c. minimized  
d. closed

**Question 8:-** AutoCorrect was originally designed to replace \_\_\_\_\_ words as you type.

- a. short, repetitive  
b. grammatically incorrect  
c. misspelled  
d. none of the above

**Question 10:-** Home Key

- a. Moves the cursor beginning of the document  
b. Moves the cursor beginning of the paragraph  
c. Moves the cursor beginning of the screen  
d. Moves the cursor beginning of the line

Section B**Question 16:-** Write full name of the following -

IEEE	PCI	ISA	SIMM	DIMM	VSAT
PSTN					
ISDN	ISOC	WILL	GPRS	CSMA	GIGO
COBOL					

Section C**Question 1:-** With the help of a block diagram, explain the basic organization of a computer system.**Question 2:-** What is the role of secondary memory? Also Distinguish between sequential access files and random access files.

**Question 3:-** What is an interrupt, what causes one to occur? As well as describe memory characteristics – virtual memory, cache memory, RAM and ROM characteristics, memory addressing, data transfer from memory to CPU.

**Question 4:-** What are various components of PC? Explain it in brief also describe about Flynn's classification

**Question 5:-** Describe in brief of Digital Logic Level (Combinational & Sequential, All major concepts).

**Question 6:-** Perform following operations-

- |                                     |                             |
|-------------------------------------|-----------------------------|
| [A] $(219.75)_{10} = (?)_2$         | [B] $(897)_{10} = (?)_{16}$ |
| [C] $(111111)_2 / (1101)_2 = (?)_2$ | [D] $(ABCDEF)_{16} = (?)_2$ |

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**TEST- FEB-2018**

**PAPER'S CODE:-**

**OM-02/BCC-02/DTP-02/CCC-02/CFA-02/ADCA-02/DCA-02/DIT-02**

**Time:- 02 :30 Hours**

**MS OFFICE**

**Max Mark's:-100**

**Section-A Multiple Choices**

- What are the minimum and maximum zoom sizes in Microsoft Document?  
(a) 1 and 1638      (b) 10 and 500      (c) 10 and 1000      (d) None
- What are the Minimum and Maximum font size of MS Word?  
(a) 1 and 1638      (b) 10 and 500      (c) 10 and 1000      (d) None
- The computer as a machine and all other physical equipment associated with it are termed as  
(a) Hardware      (b) Firmware      (c) Software      (d) None
- What term describes a background that appears as a grainy, non smooth surface?  
(a) Pattern      (b) Gradient      (c) Texture      (d) Velvet
- You can check the conditions against \_\_\_\_ when applying conditional formatting?  
(a) Cell Value      (b) Formula      (c) Both a and b      (d) None

**Section-B True / False**

- You cannot hide a sheet in Excel, if it is the only sheet in a Workbook.
- Access to data stored on a magnetic tape is random.
- Pure black and white is available in the print options.
- When you increase the font size, the row height is automatically adjusted.
- Scatter chart is also called a Doughnut Chart.

**Section-C Long Type Question**

**Note:-Attempt any Six questions:-**

**15\*6=90**

- (a) What is a template? How can you create a template using WORD?

(b) How are charts useful in Excel? Compare any three chart types available in Excel.
- Explain the following functions in MS-EXCEL giving examples:  
(a) MAX ()      (b) PV ()      (c) TRIM ()      (d) PMT ()
- What is slide transition and how is it different from Slide animation?
- What are margins and how are they set in a document created in MS-Word.
- a. Write steps for Goal seeking.

What is the difference between Animation and Transition? Which view can be used to insert and test the:

b. Animation effects and

c. Transition effects
- Explain with reference to Chart  
(a) What is water mark in word document?      (b) How to view word document in different view?

7. Create 5 Slides on “Polio immunization” and execute the following by using Action Buttons for all the slides to link them
- Link first slide with the third
  - Link second slide with fifth
  - Link third slide with fourth
8. Write short notes on
- (a) What if analysis Income/Expenses (b) Editing and Paragraph effect in MS word
9. How Header and Footer are useful in the presentation of slides? Give a method of putting Date and Time as the Header.
10. Create a list of 10 best friends. Create a Thank You letter. Use Mail Merge feature of MS-WORD to create a Thank You letter for each of your friends from the above two files.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**TEST- OCT-2018**

**PAPER<sup>S</sup> CODE:-**

**OM-02/BCC-02/DTP-02/CCC-02/CFA-02/ADCA-02/DCA-02/DIT-02**

**Time:- 02 :00 Hours**

**MS OFFICE**

**Max Mark's:-100**

**Section-A Multiple Choices**

1. What are the minimum and maximum zoom sizes in Microsoft Document?  
(a) 1 and 1638 (b) 10 and 500 (c) 10 and 1000 (d) None
2. What are the Minimum and Maximum font size of MS Word?  
(a) 1 and 1638 (b) 10 and 500 (c) 10 and 1000 (d) None
3. The computer as a machine and all other physical equipment associated with it are termed as  
(a) Hardware (b) Firmware (c) Software (d) None
4. What term describes a background that appears as a grainy, non smooth surface?  
(a) Pattern (b) Gradient (c) Texture (d) Velvet
5. You can check the conditions against \_\_\_\_ when applying conditional formatting?  
(a) Cell Value (b) Formula (c) Both a and b (d) None
6. What is the range of Font Size available in Font Size drop down toolbar ?  
(a).From 10 to Large 70 (b).From 8 to Large 72 (c).From 5 to Large 75 (d).From 10 to Large 100
7. Gutter Margin can be set to :  
(a).Left and Right (b).Top and Bottom (c).Right and Bottom (d).Left and Top
8. Which of the following is not a kind of Page Margin?  
(a).Right (b).Left (c).Centre (d).Gutter
9. Superscript, subscript, strikethrough are known as ?  
(a).Font Face (b).Font Style (c).Font Effects (d).Font Forma.
10. Which of these software applications was not part of the first version of Microsoft Office?  
(a).Paint (b).PowerPoint (c).Outlook (d).MS Word

**Section-C Long Type Question**

**Note:-Attempt any Six questions:-**

**15\*6=90**

1. (a) What is a template? How can you create a template using WORD?  
(b) How are charts useful in Excel? Compare any three chart types available in Excel.
2. Explain the following functions in MS-EXCEL giving examples:  
(a) SLN () (b) PV () (c) CEILING () (d) PMT ()
3. What is slide transition and how is it different from Slide animation?
4. What are margins and how are they set in a document created in MS-Word.
5. a. Write steps for Goal seeking.  
What is the difference between Animation and Transition? Which view can be used to insert and test the:

**b. Animation effects and****c. Transition effects**

6. Explain with reference to Chart  
(a) What is water mark in word document? (b) How to view word document in different view?
7. Create 5 Slides on "Polio immunization" and execute the following by using Action Buttons for all the slides to link them  
 • Link first slide with the third • Link second slide with fifth • Link third slide with fourth
8. Write short notes on  
(a) What if analysis Income/Expenses (b) Editing and Paragraph effect in MS word
9. How Header and Footer are useful in the presentation of slides? Give a method of putting Date and Time as the Header.
10. Create a list of 10 best friends. Create a Thank You letter. Use Mail Merge feature of MS-WORD to create a Thank You letter for each of your friends from the above two files.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)****EXAM DEC-2013****PAPER - OM-3****DBMS (MS ACCESS)****Time:- 2 :30 Hour****Max Mark's:-70****Section A Long type answer**

- Question 1 What are the five main differences between a file-processing system and a DBMS?
- Question 2 What are two major disadvantages of a database system?
- Question 3 Define a relational, Domain, Attribute, Primary key.
- Question 4 What are candidate and alternate key.
- Question 5 Describe the two components of a relation in a relational database.
- Question 6 Define a relational database.
- Question 7 List two reasons why null values may be introduced into the database.
- Question 8 What is referential integrity?
- Question 9 Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examination conducted.
- Question 10 Explain the difference between a weak entity set and a strong entity set.
- Question 11 Consider the entity Employee with following attributes.  
EMP\_ID, Employee-Name, Address, Phone, Dependent-Name, Relationship-to-Employee, Skill, Designation, Designation-Start-Date, Salary, Salary-Start-Date.
- Question 12 Give examples of  
 A many-to-many relationship in which one of the participant is a weak entity.  
 A Many-to-many relationship in which one of the participant is another relationship.  
 An existence dependency.

S#	P# (Part No.)	Quantity
S1	P1	300
S1	P2	200
S2	P1	100
S2	P2	400
S3	P2	200
S4	P2	200



A weak entity

An entity with composite attributes

An entity with multi-valued attributes.

**Consider the supplier relations.**

S# Supplier No.	Sname (Supplier Name)	Status	City
S1	Smith	20	London
S2	Jones	10	Paris
S3	Blake	30	Paris
S4	Adams	30	Athens
S4	Clark	20	London

- Question 1 Get supplier numbers for suppliers with status >20 and city is Paris.
- Question 2 Get supplier Numbers and status for suppliers in Paris, in descending order on status.
- Question 3 Get all Paris of supplier numbers such that the two suppliers are located in the same city.
- Question 4 Get unique supplier names for suppliers who supply part P2.
- Question 5 Give the same query above by using the operator IN.
- Question 6 Get part numbers supplied by more than one supplier. (Hint: it is retrieval with a sub-query, with inter-block reference and same table involved in both blocks).
- Question 7 Get supplier numbers for suppliers who are located in the same city as supplier S1. (Hint: Retrieval with sub query and unqualified comparison operator).
- Question 8 Get supplier names for suppliers who supply part P1. (Hint: Retrieval using EXISTS)
- Question 9 Get part numbers for parts whose quantity is greater than 200 or are currently supplied by S2. (Hint: Use a retrieval using union).
- Question 10 Suppose for the suppliers, who are supplying at least one part. (Hint: Retrieval using NULL).
- Question 11 Get the number of Suppliers, Who are supplying at least one part. (Hint: This query is using the built-in function count).
- Question 12 For each part supplied, get the part no. and the total quantity supplied for the part. (Hint: the query using GROUP BY).
- Question 13 Get part numbers for all parts supplied by more than one supplier. (Hint: it is GROUP BY with HAVING).
- Question 14 For all parts such that the total quantity supplied is greater than 300 (exclude from the total all shipments for which quantity is less than or equal to 200). get the part no. and the maximum quantity of the part supplied, and order the result by descending part no. within those maximum quantity values which are in ascending order.
- Question 15 Double the status of all suppliers in London. (Hint: UPDATE Operation).
- Question 16 Define the following terms:
- (a) Database (b) DBMS (c) RDBMS
- Question 17 What are various object in MS-Access?
- (a) Table (b) Queries (c) Forms  
(d) Reports (e) Macros (f) Modules
- Question 18 Plan the fields and the data types for creating a table, which will store the details of a customer.
- Question 19 Write down the steps for creating a table named 'TRANS' having the following fields.
- Trans\_No. which is of Numeric type and is unique.
  - Item\_No. which will store the transaction date. (Field size should be 5).
  - Trans\_Date which will store the transaction date. (Format:- 12' Jan 96)

- Qty to be issued

- Question 20 How many kinds of Queries are there in MS-Access?
- Question 21 What is the difference between all of the Queries provided by MS-Access?
- Question 22 What is Query Wizard used for?
- Question 23 Can we make all kinds of Queries with the help of Query Wizard?

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM - -----**

**PAPER CODE - OM-3**

**INTRODUCTION TO DBMS (MS ACCESS)**

Time: - 2 Hour s

Max Mark's:-70

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**Section A Multiple Choices**

**Question 1:-** Extension name of MS access database file is---

- (a) .mdb (b) .cdr (c) .doc (d) .xls

**Question 2:-** Relational model was given by

- (a) Von Neumann (b) Blaise Pascal (c) Charles Babbage (d) EF Codd

**Question 3:-** Image data type is

- (a) Auto number (b) currency (c) OLE (d) Hyperlink

**Question 4:-** Unique key can not take---

- (a) Null Values (b) Duplicate Value (c) Both (d) default Value

**Question 5:-** Which is not a constraint

- (a) Not Null (b) Primary key (c) Foreign key (d) Hyperlink

**Question 6:-** Auto number data type is used for -

- (a) Name (b) Number (c) Narration (d) None

**Question 7:-** Which is not a RDBMS

- (a) ORACLE (b) SQL Server (c) Linux (d) M.S.Access

**Question 8:-** Anomalies of database is

- (a) Redundancy (b) Insertion (c) Deletion (d) All

**Question 9:-** Example of database is

- (a) Telephone Directory (b) Patient record (c) Inventory (d) All

**Question 10:-** Three level architecture of data is-

- (a) Internal level (b) Conceptual level (c) External level (d) All

**Section B True / False**

**Question 1:-** Validation rule is called constraints.

**Question 2:-** Accessing of record is called query.

**Question 3:-** Overall database design is called schema.

**Question 4:-** Refinement of database is used for optimize anomalies of database.

**Question 5:-** View is an logical internal object

**Question 6:-** Number of attribute in a relation is called degree.

**Write short notes of following-**

- (A) Schema (B) Pages (C) Report

**Section C Long type answer**

**Question 1:-** What is database? How database manage by DBMS.

**Question 2:-** Explain about SQL Query and access design view query method with the help of example.

**Question 3:-** Perform query on following table object.

EMP (empno, ename, job, sal, deptno).

- (a) To display all employee records.

- (b) To display employee record who is found highest salary.
- (c) To display employee record who is found second lowest salary.
- (d) To display employee record whose job is same as job of "Neeraj".
- (e) To display average salary, maximum salary, minimum salary in each department.

**Question 4:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.

**Question 5:-** What are different types of Normalization technique? Explain each with suitable example.

**Question 6:-** What are different types of constraints in M.S. Access? Explain with suitable example.

**Question 7:-** What are different types of joining technique? Explain with suitable example.

**Question 8:-** What are different types of data modeling technique? Explain each with suitable example.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM DEC-2016**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt all question

**Section A Multiple Choices**

- Question 1:-** Extension name of MS access database file is---
- (a) .mdb                      (b) .cdr                      (c) .doc                      (d) .xls
- Question 2:-** Relational model was given by
- (a) Von Neumann              (b) Blaise Pascal (c) Charles Babbage              (d) EF Codd
- Question 3:-** Image data type is
- (a) Auto number              (b) currency              (c) OLE                      (d) Hyperlink
- Question 4:-** Unique key cannot take---
- (a) Null Values    (b) Duplicate Value              (c) Both                      (d) default Value
- Question 5:-** Which is not a constraint
- (a) Not Null                      (b) Primary key (c) Foreign key                      (d) Hyperlink
- Question 6:-** Auto number data type is used for -
- (a) Name                      (b) Number                      (c) Narration                      (d) None
- Question 7:-** Which is not a RDBMS
- (a) ORACLE                      (b) SQL Server    (c) Linux                      (d) M.S. Access
- Question 8:-** Anomalies of database is
- (a) Redundancy (b) Insertion                      (c) Deletion                      (d) All
- Question 9:-** Example of database is
- (a) Telephone Directory (b) Patient record                      (c) Inventory                      (d) All
- Question 10:-** Three level architecture of data is-
- (a) Internal level              (b) Conceptual level              (c) External level                      (d) All

**Section B True / False**

- Question 1:-** Validation rule is called constraints.
- Question 2:-** Accessing of record is called query.
- Question 3:-** Overall database design is called schema.
- Question 4:-** View is an logical internal object
- Question 5:-** Number of attribute in a relation is called degree.

**Section C Long type answer**

**Note:** Write any four answer of the following-

**Question 1:-** What is database? How database manage by DBMS.

**Question 2:-** Explain about SQL Query and access design view query method with the help of example.

**Question 3:-** Perform query on following table object.

EMP (empno, ename, job, sal, deptno).

- (a) To display all employee records.
- (b) To display employee record who is found highest salary.
- (c) To display employee record who is found second lowest salary.
- (d) To display employee record whose job is same as job of "Neeraj".
- (e) To display average salary, maximum salary, minimum salary in each department.

**Question 4:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.

**Question 5:-** What are different types of Normalization technique? Explain each with suitable example.

**Question 6:-** What are different types of constraints in M.S. Access? Explain with suitable example.

**Question 7:-** What are different types of joining technique? Explain with suitable example.

**Question 8:-** What are different types of data modeling technique? Explain each with suitable example.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM – DECEMBER 2013**

**PAPER CODE - OM-3**

**INTRODUCTION TO DBMS (MS ACCESS)**

**Max Mark's:-70**

**Time: -2:00 Hour**

**Section A Multiple Choices**

- Question 1:- Extension name of MS access database file is---
- (a) .mdb (b) .cdr (c) .doc (d) .xls
- Question 2:- Relational model was given by
- (a) Von Neumann (b) Blaise Pascal (c) Charles Babbage (d) EF Codd
- Question 3:- Image data type is
- (a) Auto number (b) currency (c) OLE (d) Hyperlink
- Question 4:- Unique key cannot take---
- (a) Null Values (b) Duplicate Value (c) Both (d) default Value
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- (a) Not Null (b) Primary key (c) Foreign key (d) Hyperlink
- Question 6:- Auto number data type is used for -
- (a) Name (b) Number (c) Narration (d) None
- Question 7:- Which is not a RDBMS
- (a) ORACLE (b) SQL Server (c) Linux (d) M.S.Access
- Question 8:- Anomalies of database is
- (a) Redundancy (b) Insertion (c) Deletion (d) All
- Question 9:- Example of database is
- (a) Telephone Directory (b) Patient record (c) Inventory (d) All
- Question 10:- Three level architecture of data is-
- (a) Internal level (b) Conceptual level (c) External level (d) All

**Section B True / False**

- Question 1:- Integrity rule is given by E.F. CODD .
- Question 2:- Primary Key can not accept Null and Duplicate Value.
- Question 3:- Overall database design is called schema.
- Question 4:- Refinement of database is used for optimize anomalies of database.
- Question 5:- View is an logical internal object
- Question 6:- Number of attribute in a relation is called cardinality.

**Section C Long type answer**

**Note:** Write any **Five** Answer but Question **Nine** is compulsory.

- Question 1:- Define a relational, Domain, Attribute, Primary key.
- Question 2:- What is referential integrity?
- Question 3:- Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examination conducted.
- Question 4:- Define the following terms:  
 (a) Database (b) DBMS (c) RDBMS
- Question 5:- What are various object in MS-Access?  
 (a) Table (b) Queries (c) Forms  
 (d) Reports (e) Macros (f) Modules
- Question 6:- How many kinds of Queries are there in MS-Access?
- Question 7:- What is Query Wizard used for?
- Question 8:- (A) Form (B) Pages (C) Report (D) E-R Model
- Question 9 :- Perform query on following table object.  
 STUDUNT (enrol, sname, cname, yrs, address).  
 (a) To display all student records.  
 (b) To count student records who is doing same course.  
 (c) To display student records whose name begin with 'S' or 'P'.  
 (d) To display student record whose course is same as course of "Rakesh".  
 (e) To display student record descending order by name and enrolment.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM DEC-2014**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt all question

**Section A Multiple Choices**

- Question 1:- Flate file is also known as \_\_\_\_  
 (a) 1NF (b) 2NF (c) 3NF (d) BCNF
- Question 2:- Memo and Text data type both are accept \_\_\_\_  
 (a) Image (b)Text (c) Date (d) None
- Question 3:- Relational Model was given by \_\_\_\_  
 (a) EF Codd (b) Tim Berner Lee (c) Dougus (d) Lamark
- Question 4:- Not-Null key cannot take \_\_\_\_  
 (a) Null Values (b) Duplicate Value (c) Unique (d) None
- Question 5:- Which of the following is business rule for validating data\_\_\_\_  
 (a) Not Null (b) Primary key (c) Foreign key (d) All
- Question 6:- Auto number data type is used for -  
 (a) Name (b) Number (c) Narration (d) None
- Question 7:- Which of the following is DBMS  
 (a) Ingress (b) Foxpro (c) M.S. Access (d) All
- Question 8:- Anomalies of database is  
 (a) Redundancy (b) Insertion (c) Deletion (d) All
- Question 9:- Which of the following elements not concern to ER-Model  
 (a) Line (b) Rectangle (c) Diamond (d) All
- Question 10:- Three view of data is-  
 (a) Internal view (b) Conceptual view (c) External view (d) All

**Section B True / False**

- Question 1:- Primary key can accept only duplicate value.

**Question 2:-** OLE data type is used for accepting graphics objects.

**Question 3:-** Number data type can accept text and number both.

**Question 4:-** Number of tuples identify cardinality of relation.

**Question 5:-** Inner join retrieve common records between two tables.

**Section C Long type answer**

**Note:** Write any Five answer of the following-

**Question 1:-** What are different types of constraints in M.S. Access? Explain with suitable example.

**Question 2:-** What are different types of joining technique? Explain with suitable example.

**Question 3:-** What is functional dependencies and explain its rule?

**Question 4:-** Write down short note of -

- |                               |                                 |
|-------------------------------|---------------------------------|
| (1) Database user             | (2) Logical Schema              |
| (3) Super Key and Primary Key | (4) Weak and strong entity set. |

**Question 5:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.

**Question 6:-** Explain about SQL Query and access design view query method with the help of example.

**Question 7:-** Perform query on following table object.

**EMP (empno, ename, job, sal, deptno).**

- (a) To display empno, ename, job and sal who is found salary more than 15000.
- (b) To display employee record who is found highest salary, second lowest salary and third highest salary
- (c) To display employee record who job is clerk, steno or salesman.
- (d) To display employee record whose salary is same as salary of ramesh.
- (e) To display average salary, maximum salary, minimum salary in each department 10 and 20.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM DEC-2016**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**OM-03/ DTP-03/CCC-03/CFA-03/ADCA-03**

**Time: - 2 :30 Hour**

**Max Mark's:-100**

**Note:** Attempt all question

**Section A Multiple Choices**

**Question 1:-** What Are the Different Views to Display a Table

- (a) Datasheet View      (b) Design View (c) Pivot Table & Pivot Chart View (d) All

**Question 2:-** In A Database Table, the Category of Information Is Called \_\_\_\_\_

- (a) Tuple                      (b) Field                      (c) Record                      (d) All

**Question 3:-** Which Of The Following Database Object Hold Data?

- (a) Forms                      (b) Reports                      (c) Queries                      (d) Tables

**Question 4:-** Which Of The Field Has Width 8 Bytes?

- (a) Memo                      (b) Number                      (c) Date/time                      (d) Hyperlink

**Question 5:-** Which one of the following is not a constraint

- (a) Not Null                      (b) Unique key                      (c) Foreign key                      (d) Hyperlink

**Question 6:-** Memo data type is used for -

- (a) Image                      (b) Number                      (c) Narration                      (d) None

**Question 7:-** What Are The Columns In A Microsoft Access Table Called?

- (a) Rows                      (b) Records                      (c) Fields                      (d) Columns

**Question 8:-** Which Of The Following Is Not A Type Of Microsoft Access Database Object?

- (a) Table                      (b) Form                      (c) Worksheets                      (d) Modules

**Question 9:-** Microsoft Access Is A

(a) RDBMS

(b) OODBMS

(c) ORDBMS

(d)

Network

Database

**Question 10:-** A \_\_\_\_\_ Enables You to View Data from a Table Based On a Specific Criterion

(a) Form

(b) Query

(c) Macro

(d) Report

**Section B Long type answer**

**Note:-** Write **any Six** answer of the following-

Question 1 Define a relational, Functional dependency, decompositions of relation & Primary key.

Question 2 Describe normalization technique in a relational database management system.

Question 3 Define a relational database. Also describe about form and its role.

Question 4 What is the role of constraints? Describe various types of constraints.

Question 5 What is joining in database? Describe different types of join technique in MS Access.

Question 6 Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examination conducted.

PTO

Question 7 Consider the entity Employee with following attributes.

EMP\_ID, Employee-Name, Address, Phone, Dependent-Name, Relationship-to-Employee, Skill, Designation, Designation-Start-Date, Salary, Salary-Start-Date.

Question 8 Give examples of

(i) A many-to-many relationship in which one of the participant is a weak entity.

(ii) A Many-to-many relationship in which one of the participant is another relationship.

(iii) An existence dependency.

(iv) A weak entity

**Consider the supplier relations.**

S# Supplier No.	Sname (Supplier Name)	Status	City
S1	Smith	20	London
S2	Jones	10	Paris
S3	Blake	30	Paris
S4	Adams	30	Athens
S4	Clark	20	London

S#	P# (Part No.)	Quantity
S1	P1	300
S1	P2	200
S2	P1	100
S2	P2	400
S3	P2	200
S4	P2	200

- (i) Get supplier numbers for suppliers with status >20 and city is Paris.
- (ii) Get supplier Numbers and status for suppliers in Paris, in descending order on status.
- (iii) Get all Paris of supplier numbers such that the two suppliers are located in the same city.
- (iv) Get unique supplier names for suppliers who supply part P2.
- (v) Give the same query above by using the operator IN.
- (vi) What are various object in MS-Access?

- (a) Table
- (b) Queries
- (c) Forms
- (d) Reports
- (e) Database
- (f) DBMS

Question 9 How many kinds of Queries are there in MS-Access?

\*\*\*\*

# **INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2014**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt any Seven questions

**Question 1:-** What is object oriented programming? How is differ from the procedure –oriented programming.

**Question 2:-** What is token? Explain all types of tokens with examples.

**Question 3:-** What are different types of operators used in java language?

**Question 4:-** Explain different types of looping control with suitable example.

**Question 5:-** What are different techniques for imputations in java? Describe with suitable example.

**Question 6:-** What is array? Write a program to sort unordered elements.

**Question 8:-** What is inheritance? Describe all types of inheritance technique with program.

**Question 9:-** Write java program of following using class and object method (**Any Three**).

- Fibonacci series.
- Prime Numbers.
- 3\*3 order Matrix.
- Armstrong Numbers.
- Leap Year.
- Largest of three numbers.
- Quadratic equations.
- Grading System.

**Question 10:-** Write short notes of following.

[A] JVM.

[B] Else if construct & Switch case.



[C] While & Do While Loop. [D] Mixed Mode Expression.

**Question 11:- True and False**

- Java does not support operator overloading.
- Java does not use pointers.
- There are no headers files in java.
- Java does not support multiple inheritance of classes. This is accomplished using a new feature called interface.
- Java does not have template classes as in c++.
- Java basically made for internet.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**TEST SEPTEMBER-2016**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**Time:- 2 :00 Hour**

**Max Mark's:-100**

- Question 1:-** Flate file is also known as \_\_\_\_  
(a) 1NF (b) 2NF (c) 3NF (d) BCNF
- Question 2:-** Memo and Text data type both are accept \_\_\_\_  
(a) Image (b)Text (c) Date (d) None
- Question 3:-** Relational Model was given by \_\_\_\_  
(a) EF Codd (b) Tim Berner Lee (c) Dougulus (d) Lamark
- Question 4:-** Not-Null key cannot take \_\_\_\_  
(a) Null Values (b) Duplicate Value (c) Unique (d) None
- Question 5:-** Which of the following is business rule for validating data \_\_\_\_  
(a) Not Null (b) Primary key (c) Foreign key (d) All
- Question 6:-** Auto number data type is used for -  
(a) Name (b) Number (c) Narration (d) None
- Question 7:-** Which of the following is DBMS  
(a) Ingress (b) Foxpro (c) M.S. Access (d) All
- Question 8:-** Anomalies of database is  
(a) Redundancy (b) Insertion (c) Deletion (d) All
- Question 9:-** Which of the following elements not concern to ER-Model  
(a) Line (b) Rectangle (c) Diamond (d) All
- Question 10:-** Three view of data is-  
(a) Internal view (b) Conceptual view (c) External view (d) All

**Section B True / False**

- Question 1:-** Primary key can accept only duplicate value.
- Question 2:-** OLE data type is used for accepting graphics objects.
- Question 3:-** Number data type can accept text and number both.
- Question 4:-** Number of tuples identifies cardenility of relation.
- Question 5:-** Inner join retrieve common records between two tables.

**Section C Long type answer**

**Note:** Write any Five answer of the following questions but question seven must be necessary.-

- Question 1:-** What are different types of constraints in M.S. Access? Explain with suitable example.
- Question 2:-** What are different types of joining technique? Explain with suitable example.
- Question 3:-** What is functional dependencies and explain its rule?
- Question 4:-** Write down short note of -

- |                               |                                 |
|-------------------------------|---------------------------------|
| (1) Database user             | (2) Logical Schema              |
| (3) Super Key and Primary Key | (4) Weak and strong entity set. |

**Question 5:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.

**Question 6:-** Explain about SQL Query and access design view query method with the help of example.

**Question 7:-** Perform query on following table object.

**EMP (empno, ename, job, sal, deptno).**

- To display empno, ename, job and sal who is found salary highest in each department..
- To display employee record who is found salary any of clerk, steno or salesman.
- To display employee record who is found salary all of clerk, steno or salesman.
- To display employee record whose salary is same as salary of Ram and Raheem.
- To display empno, ename, job and sal who is found salary highest and lowest in each department..

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM NOV-2017**

**PAPER - OM-3**

**DBMS (MS ACCESS)**

**Time:- 2 :00 Hour**

**Max Mark's:-100**

**Note:** Attempt all question!

**Section-A Multiple Choices**

- How do you insert a graphic of your company's logo on a report?
  - Click the image button on the toolbox and drag on the report to draw a place holder for the graphics
  - You can't. Microsoft Access won't let you insert graphics files.
  - Select Insert > Picture from the menu
  - Select Tools > Insert Picture from the menu
- The Fill/Back Color button on the formatting toolbar applies color to:
  - The border for the selected control
  - The text in the selected control
  - All aspects of the control
  - The background of the selected control
- Which type of query extract the data and put them into separate table?
 

a. A parameter query	b. A make-table query
c. An update query	d. A crosstab query
- Which of the following criterion is NOT written using the proper syntax?
 

a. "Haris"	b. <500
c. NO VALUE	d. Between #1/1/2000# and #12/31/2000#
- If you are creating a cross tab query, what must table you are querying contain?
 

a. Lots of confusing information	b. More than 100 records
c. At least one field	d. All of the above
- Which property determines what is displayed in a control?
 

a. The control source property	b. The display property
c. The comes from property	d. The data property
- Where you can keep the sum ([Sales]) to calculate the totals for each month?
  - In the report footer section
  - In the page footer section
  - In the month group footer section
  - In the summary section
- What is the procedure for selecting multiple controls on a report?
  - Hold down the Shift key as you click each object that you want to select

- b. If the controls are aligned along a horizontal or vertical line, click the horizontal or vertical ruler above or to the left of the controls
  - c. Hold down the Ctrl key as you click each object that you want to select
  - d. All of these
9. Which of the following database object can you import from one Microsoft Access database to another?
- a. Queries
  - b. Tables
  - c. Forms
  - d. All of the above
10. What field type is used to store picture in a table?
- a. Memo
  - b. OLE
  - c. Hyperlink
  - d. None
11. Which of the following type s of queries are action queries?
- a. Update queries.
  - b. Crosstab Queries
  - c. Parameter queries
  - d. Append Queries
12. Which of the following is NOT a report section?
- a. Report Header section
  - b. Summary section
  - c. Page header section
  - d. Details section
13. You can display a database Object in design view by
- a. Opening the database object and clicking the view button on the toolbar
  - b. Selecting the database object and clicking the design button on the database window
  - c. Selecting the database object and press Ctrl + V
  - d. Opening the database object and selecting Tools>Design view
14. How can you display the relationship in a database?
- a. Select View > Relationship form the menu
  - b. Click the Relationship button on the toolbar
  - c. Select Edit >Relationship from the menu
  - d. Click the Relationship button in the Database window
15. RDBMS model based on rules of
- a. E.F. CODD Rules
  - b. Charles Babbage
  - c. Ken Thompson
  - d. Dennis Ritchie.

### **Section-B True / False**

- 1. In an enterprise-class database system, business users interact directly with database applications, which directly access the database data.
- 2. Applications are programs that interact directly with the database.
- 3. Microsoft Access is an enterprise-class database product.
- 4. Structured Query Language (SQL) is an internationally recognized standard language that is understood by all commercial database management system products.
- 5. The CPU cache is a type of memory on the CUP.

### **Section-C Long type answer**

**Note:-** Write **any Five** answer of the following Question but **Seven** is compulsory.

**Q 1:-** Differentiate between integrity1 and integrity2 rules for RDBMS.

**Q 2:-** What are various types of symbols used in E-R Model? Explain with suitable example.

**Q 3:-** Describe about Normalization technique for Database Management System.

**Q 4:-** Write down short note of following:-

- |                                      |                            |
|--------------------------------------|----------------------------|
| (1) DBA                              | (2) Three View of Data     |
| (3) Three Level Architecture of DBMS | (4) Functional dependency. |

**Q 5:-** Discuss about aggregation, generalization, specialization & abstraction with the help of example.

**Q 6:-** What are various types of mapping used in Database? Also discuss about Joining Technique in MS Access.

**Q 7:-** Perform query on following Table object.

**STUDENT (Enroll, Sname, Fname, Cname, Year).**

- (a) To display total records of student in each year.
- (b) To display Students records only First Year.
- (c) To display Students records whose name begin with 'a' and ended with 'd'.
- (d) To display Students records only 'BCA', 'MCA', 'MBA', 'BBA', 'OM'.
- (e) To display Students records of 'MCA' but year is II<sup>nd</sup> year.

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM - JUNE-2012**

**PAPER CODE - OM-3**

**INTRODUCTION TO DBMS (MS ACCESS)**

**Time: - 2 Hour s**

**Max Mark's:-70**

**Section A Multiple Choices**

**Question 1:-** Extension name of MS access database file is---

- (a) .mdb (b) .cdr (c) .doc (d) .xls

**Question 2:-** Relational model was given by

- (a) Von Neumann (b) Blaise Pascal (c) Charles Babbage (d) EF Codd

**Question 3:-** Image data type is

- (a) Auto number (b) currency (c) OLE (d) Hyperlink

**Question 4:-** Unique key can not take---

- (a) Null Values (b) Duplicate Value (c) Both (d) default Value

**Question 5:-** Which is not a constraint

- (a) Not Null (b) Primary key (c) Foreign key (d) Hyperlink

**Question 6:-** Auto number data type is used for -

- (a) Name (b) Number (c) Narration (d) None

**Question 7:-** Which is not a RDBMS

- (a) ORACLE (b) SQL Server (c) Linux (d) M.S.Access

**Question 8:-** Anomalies of database is

- (a) Redundancy (b) Insertion (c) Deletion (d) All

**Question 9:-** Example of database is

- (a) Telephone Directory (b) Patient record (c) Inventory (d) All

**Question 10:-** Three level architecture of data is-

- (a) Internal level (b) Conceptual level (c) External level (d) All

**Section B True / False**

**Question 1:-** Validation rule is called constraints.

**Question 2:-** Accessing of record is called query.

**Question 3:-** Overall database design is called schema.

**Question 4:-** Refinement of database is used for optimize anomalies of database.

**Question 5:-** View is an logical internal object

**Question 6:-** Number of attribute in a relation is called degree.

**Write short notes on following-**

**Section C      Long type answer**

**Question 1:-** What is database? How database manage by DBMS.

**Question 2:-** Explain about SQL Query and access design view query method with the help of example.

**Question 3:-** Perform query on following table object.

EMP (empno, ename, job, sal, deptno).

(a) To display all employee records.

(b) To display employee record who is found highest salary.

(c) To display employee record who is found second lowest salary.

(d) To display employee record whose job is same as job of "Neeraj".

(e) To display average salary, maximum salary, minimum salary in each department.

**Question 4:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.

**Question 5:-** What are different types of Normalization technique? Explain each with suitable example.

**Question 6:-** What are different types of constraints in M.S. Access? Explain with suitable example.

**Question 7:-** What are different types of joining technique? Explain with suitable example.

**Question 8:-** What are different types of data modeling technique? Explain each with suitable example.

# **INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT**

VARANASI – JUNE-2011

**PAPER CODE - OM-3**

**INTRODUCTION TO DBMS (MS ACCESS)**

Time: - 2 Hour s

Max Mark's:-70

## **Section A Multiple Choices**

**Question 1:-** Extension of MS access database is

- (a) .mdb (b) .cdr (c) .doc (d) .xls

**Question 2:-** Relational model was given by

- (a) Von Neumann (b) Blaise Pascal (c) Charles Babbage (d) EF Codd

**Question 3:-** Image data type is

- (a) Auto number (b) currency (c) OLE (d) Hyperlink

**Question 4:-** Primary key can not take---

- (a) Null Values (b) Duplicate Value (c) Both (d) default Value

**Question 5:-** Which is not a constraint

- (a) Not Null (b) Primary key (c) Foreign key (d) Hyperlink

**Question 6:-** Memo data type is used for -

- (a) Name (b) Number (c) Narration (d) Hyperlink

**Question 7:-** Which is not a RDBMS

- (a) ORACLE (b) SQL Server (c) MS DOS (d) Foxpro

**Question 8:-** Anomalies of database is

- (a) Redundancy (b) Insertion (c) Deletion (d) All

**Question 9:-** Example of database is

- (a) Telephone Directory (b) Patient record (c) Inventory (d) All

**Question 10:-** Three views of data is

- (a) Internal (b) Conceptual (c) External (d) All

## **Section B True / False**

**Question 1:-** Collection of record is called database.

**Question 2:-** Number of attributes is called degree.

**Question 3:-** Constraints are used for validating data.

**Question 4:-** Refinement of database is used for optimize anomalies of database.

**Question 5:-** Entity is a logical object.

**Question 6:-** Number of tuples is called cardinality

**Write short notes of following-**

- (A) E-R Model (B) Export/Import (C) OLE (D) Report

## **Section C Long type answer**

**Question 1:-** What is database? How database manage by DBMS.

**Question 2:-** What are different types of object in MS Access?

**Question 3:-** What is query? Describe query methods of MS access design view and SQL.

**Question 4:-** What is joining? Describe each types of join.

**Question 5:-** Describe about 1-NF, 2-NF, 3-NF and BCNF.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT**

EXAM - JUNE -2011

**PAPER - OM-3**

Time:- 2 Hour

Max Mark's:-70

**Multiple Choices**

**Question 1:-** A formula may consist of -

- (a) Operators (b) Cell references (c) Range name (d) All

**Question 2:-** Control menu box is activate by -

- (a) alt + space + X (b) alt + space + R (c) alt + space + N (d) None

**Question 3:-** An Extension of image file is -

- (a) .xls (b) .Gif (c) .Doc (d) None

**Question 4:-** An Extension of graphics file is -

- (a) .XLS (b) .Gif (c) .Doc (d) None

**Question 5:-** To insert cursor in active cell, we press -

- (a) Enter (b) Space (c) Tab (d) None

**Question 6:-** To manage the all resources of computer system by -

- (a) Window XP (b) Window 2000 (c) Window VISTA (d) All

**Question 7:-** Fact ( ) function return -

- (a) Remainder Value (b) Absolute Values (c) +1 (d) All

**Question 8:-** ALT + SPACE + X command is used for -

- (a) Maximize Window (b) Restore Window (c) Close (d) None

**Question 9:-** Window Unlimited is product of -

- (a) Lotus (b) Infosys (c) HCL (d) None

**Question 10:-** Number of columns in one worksheet is -

- (a) 256 (b) 255 (c) 65636 (d) None

**Write complete name of the following short name-**

- (a) WYSIWYG (b) EDVAC (c) UNIVAC (d) COBOL  
(e) FORTRAN (f) ENIAC (g) IBM (h) BASIC  
(i) GUI (j) CUI

**Question 11:-** F7 is used for.....

**Question 12:-** Shift + F12 Command is used for.....

**Question 13:-** Ctrl + Shift + \* is used for.....

**Question 14:-** Shift + F8 Command is used for.....

**Question 15:-** Short cut command for thesaurus is.....

**Question 16:-** Short cut command for restore size of windows is.....

**Question 17:-** Shift + Ff7 is used for.....

**Question 18:-** F5 is used for.....

**Question 19:-** Ctrl + P is used for.....

**Long Type Question -**

**Question 21:-** What are the different categories of operating system? Explain details about MS Window Operating system?

**Question 22:-** Write short note of following given-

- (a) Function (b) Work book / Work Sheet

**Question 23:-** Explain following function -

- (a) IF ( ) (b) CELLING ( ) (c) FLOOR ( ) (d) PMT ( )  
(e) HLOOKUP ( ) (f) MODE ( ) (g) VLOOKUP ( ) (h) Int ( )

**Question 24:-** Make a Mark sheet for your institutions-

**Note:** Attempt any Seven questions Q. 6 is compulsory.

**Question 1:-** In an enterprise-class database system, business users interact directly with database applications, which directly access the database data

**Question 2:-** What is fully functional dependency? Explain with suitable example.

**Question 3:-** Structured Query Language (SQL) is an internationally recognized standard language that is understood by all commercial database management system products.

**Question 4:-** What is BCNF? Explain with suitable example.

**Question 5:-** What are different types of constraints in M.S. Access? Explain with suitable example.

**Question 6:-** Perform query on following Table object.

**STUDENT (Enroll, Sname, Fname, Cname, Year).**

(a) To display total records of student in each Course.

(b) To display Students records only Second Year of MCA and MBA.

(c) To display Students records whose Enrollment Number is either highest or lowest?

(d) To display Students records whose Enrollment Number is third highest or Second lowest.

(e) To display average number of students in each course.

**Question 7:-** What are the major components of Database Manager?

**Question 8:-** Write down short note of -

(1) Three view of data

(2) Three level of DBMS

(3) Super Key and Primary Key

(4) E-R model of Hotel management system

**Question 9:-** True and False

1. The relational database model was created by E.F. Codd

(a) True

(a) False

2. Microsoft Access is an enterprise-class database product

(a) True

(a) False

3. A file is a collection of similar records.

(a) True

(a) False

4. The purpose of a database is to help people stop using spreadsheets.

(a) True

(a) False

5. Microsoft Access is an enterprise-class database product.

(a) True

(a) False

6. Structured Query Language (SQL) is an internationally recognized standard language that is understood by all commercial database management system products.

(a) True

(a) False

7. A database has data and relationships.

(a) True

(a) False

8. One of the reasons why OODBMSs have not been widely used for business information systems is that OOP is obsolete.

(a) True

(a) False

9. A database has a built-in capability to create, process and administer itself.

(a) True

(a) False

10. A database design may be based on existing data.

(a) True

(a) False



Time: - 2 :00 Hour

Max Mark's:-100

**Section A Multiple Choices**

- 1:- Queries in Access can be used as  
( A) view, change and analyze data in different ways      B) a source of records for forms and reports  
C) Only a      D) Both a and b
- 2:- Query design window has two parts. The upper part shows  
A) Name of fields, field type and size      B) Tables with fields and relationships between tables  
C) Criteria      D) Sorting check boxes
- 3:- Which of the following statement is true  
A) Reports can be used to retrieve data from tables and calculate  
B) Queries can be printed in well formatted manner and presented as the information  
C) Queries can include calculated fields that do not exist in table  
D) Reports and forms are similar but forms are use to print but reports to display on screen only
- 4:- To create relationship between two tables  
A) drag the primary key of a table into foreign key of another table  
B) drag the foreign key of a table into the primary key of another table  
C) drag any field from parent table and drop on child table  
D) Any of above can be done to create relationship
- 5:- What do you mean by one to many relationship between Student and Class table?  
A) One student can have many classes      B) One class may have many student  
C) Many classes may have many students      D) Many students may have manu classes

**Section B Long type answer**

**Note:** - Write **any Six** answer of the following-

1. Define a database management system (DBMS).
2. What are the objects of Access Database?
3. What are the ten field types in Access?
4. Identify the record, field, and value in the following table structure. Roll No Name English 1 Sarika 80
5. Explain what joins are and how you can open the database in Access?
6. What are the object-naming rules in MS-Access?
7. What is Normalization? Why is it required?
8. What are the differences between a form and a report?
9. How many kinds of Queries are there in MS-Access?
10. What do you understand by one-to-one relationship between two tables?

Time: - 2 :00 Hour

Max Mark's:-100

**Section A Multiple Choices**

1. In the relational modes, cardinality is termed as:  
a. Number of tuples.      b. Number of attributes. c. Number of tables.      d. Number of constraints.
2. Relational calculus is a \_\_\_\_\_ Language

a. Procedural.                                      b. Non- Procedural.                                      c. Data definition language.                                      d. High level language

3. In the architecture of a database system external level is the  
a. physical level.                                      b. logical level.                                      c. conceptual level                                      d. view level.
4. In a database table, the category of information is called \_\_\_\_\_  
a. tuple                                      b. field                                      c. record                                      d. All of above
5. Which of the following is not a database object?  
a. Tables                                      b. Queries                                      c. Relationships                                      d. Reports

**Section B True/False**

1. A file is a collection of similar records.
2. A database is a collection of interrelated files.
3. An historical advantage of using conventional files has been processing speed. They can be optimized for the access of the application.
4. Duplication of data items in multiple files is normally cited as the principal disadvantage of file-based systems.
5. A database is not necessarily dependent on the applications that use it.

**Section C Long type answer**

**Note:-** Write **any six** answers of the following-

1. a) Describe any four Codd's rules/laws of RDBMS.  
b) What is Relational Model? Give Suitable example.
2. What are the different Number field types in Access? Also differentiate between 'ANY' and 'ALL'
3. Explain what joins are and how you can open the database in Access?
4. Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examination conducted
5. Describe following keys.  
i. What are command buttons? How to use command buttons?  
ii. What are the differences between a form and a report?
6. What is the meaning of following field properties? Field Size, Format, Input Mask, Caption, Decimal Places, Default Value, Validation Rule, Validation Text, Required, Allow Zero Length, Indexed.
7. How many kinds of Queries are there in MS-Access?
8. **Consider Following Schema**  
**Employee (ENO, ENAME, Dept, Designation, DOJ, Salary, Dept\_Location)**

**Write the following query**

- i) List the employees having Designation as "Chairman" and .Dept\_Location as "Chennai"
- ii) Set the salary as Rs.8,000/- having Designation as "Developer"
- iii) List employee records ascending order by ename.
- iv) List Ename of employees having 3rd alphabet in the name as "O".
- v) List employee records who is find third highest, third lowest, second highest, second lowest, highest and lowest salary.

**Institute of Computer Sciences & Management – Varanasi**  
**March- 2013 Exam**

**Paper Code OM3 Introduction of Database management System**

**Time 2:30 Hours**

**Max Marks 70**

**Note: - Attempt any seven questions, number 10 is compulsory.**

**Question 1:-** What is database? How it manage with DBMS.

**Question 2:-** What is the role of E-R model? Draw E-R model of employee and manager.

**Question 3:-** What is query? Describe about SQL in MS Access database file.

**Question 4:-** What is the role of form in MS access? Write steps for creating forms.

**Question 5:-** What is Functional dependency? Why we use FD in database.

**Question 6:-** What is the role of report in MS access? Write steps for creating report.

**Question 7:-** Write short notes of following

- |                    |                 |
|--------------------|-----------------|
| [a] Decomposition  | [b] Foreign key |
| [c] 3-View of data | [d] Primary Key |

**Question 8:-** What is the role of constraints? Describe various types of constraints.

**Question 9:-** What is joining in database? Describe different types of join technique in MS Access.

**Question 10:-** Perform query on following table

EMP (Empno, Ename, Job, Address, Sal, Deptno)

- To display employee records from employee table.
- To display employee record, who is found the largest salary?
- To display employee record who is found second largest salary.
- To display average salary, maximum salary, minimum salary and total salary in each department.
- To display employee record whose job is same as job of 'Amit'

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM - JUNE-2013**

**PAPER CODE - OM-3**

**INTRODUCTION TO DBMS (MS ACCESS)**

**Time:** - 2 Hour s

**Max Mark's:-**70

**Section A Multiple Choices**

**Question 1:-** Table of database may consist of

- (a) Tuples (b) Attribute (c) Field (d) none

**Question 2:-** Relational model was given by

- (a) Write brother (b) Newton (c) Lady ada (d) EF Codd

**Question 3:-** Currency value data type is

- (a) Auto number (b) Text (c) OLE (d) none

**Question 4:-** Unique key can not take---

- (a) Null Values (b) Duplicate Value (c) Both (d) default Value

**Question 5:-** Which one of the following is not a constraint

- (a) Not Null (b) Unique key (c) Foreign key (d)

Hyperlink

**Question 6:-** Memo data type is used for -

- (a) Image (b) Number (c) Narration (d) None

**Question 7:-** Which one of the following is not a RDBMS

- (a) DB-2 (b) SQL Server (c) MS DOS (d)

M.S.Access

**Question 8:-** Anomalies of database may be .....

- (a) Redundancy (b) Insertion (c) Deletion (d) All

**Question 9:-** Example of database is

- (a) Telephone Directory (b) Patient record (c) Stock (d) All

**Question 10:-** Three level architecture of data is:-

- (a) Internal level (b) Conceptual level (c) External level (d) All

**Section B      True / False**

- Question 1:-** Integrity rule-1 indicate concept of foreign key.
- Question 2:-** OLE data type can accept image value.
- Question 3:-** Overall database design is called schema/subschema.
- Question 4:-** Not Null constraint can accept duplicate value but can not accept null value.
- Question 5:-** Hyperlink is a data type of ms access
- Question 6:-** Number of attribute in a relation is called cardinality.
- Question 7:-** Auto number data type accepts automatic values from 1 to n.
- Question 8:-** Wizard provides facility to create automatic ms access objects.
- Question 9:-** Normalization reduces redundancy from database.
- Question 10:-** In ms access there are 10 types of data type

**Write any two short notes of following-**

**(A)**Degree/Arity

**(B)** Pages

**(C)** Report bands

**Section C      Long type answer**

**Write answer of any five of given following**

- Question 1:-** What is functional dependency and decomposition of relation? Why we use.
- Question 2:-** Differentiate between form and page with suitable example.
- Question 3:-** Perform query on following table object.

**EMP (empno, ename, job, sal, deptno).**

- (a) To display employee name, job & sal that is found salary more than Rs 6000.
- (b) To display employee record who is found highest salary.
- (c) To display employee record who is found second lowest salary.
- (d) To display employee record whose job is same as job of "Mayank".
- (e) To display average salary, maximum salary, minimum salary in department 10 and 20 only.

- Question 4:-** Explain about E-R model with the help of example. Also describe generalization, aggregation, specialization.
- Question 5:-** Discuss about BCNF with the help of suitable example.
- Question 6:-** What are different types of constraints in M.S. Access? Explain with suitable example.
- Question 7:-** Differentiate between left inner join and right inner join with suitable example.
- Question 8:-** What are various types of database objects in MS access? Explain each.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - APRIL-2018**

**PAPER CODE -** OM-03/CFA-03/CCA-03/ADCA-03/DIT-03

**RDBMS(MS Access)**

**Time: - 2 Hour**

**Max Mark's:-100**

**Section A**

- Question 1:-** What Are The Different Views To Display A Table
- a) Datasheet View      b) Design View      c) Pivote Table & Pivot Chart View      d) All Of Above
- Question 2:-** The Command Center Of Access File That Appears When You Create Or Open The Ms Access Database File.
- a) Database Window    b) Query Window      c) Design View Window      d) Switchboard
- Question 3:-** In A Database Table, The Category Of Information Is Called \_\_\_\_\_
- a) Tuple      b) Field      c) Record      d) All Of Above

**Question 4:-** This Key Uniquely Identifies Each Record

- a) Primary Key                      b) Key Record                      c) Unique Key                      d) Field

Name

**Question 5:-** It Is An Association Established Between Common

- a) Line                      b) Relationship                      c) Primary Key                      d) Records

**Question 6:-** This Is The Stage In Database Design Where One Gathers And List All The Necessary Fields For The Database Project.

- a) Data Definition                      b) Data Refinement                      c) Establishing Relationship                      d) None Of The

Above

**Question 7:-** Which Of The Field Has Width 8 Bytes?

- a) Memo                      b) Number                      c) Date/time                      d) Hyperlink

**Question 8:-** Which Of The Following Statement Is True?

- a) Foreign Key Fields Don't Allow Duplicate Values  
b) In Primary Key Field You Can Enter Duplicate Value  
c) In An Indexed Field You May Or May Not Enter Duplicate Value Depending Upon Setting  
d) All Statements Are True

**Question 10:-** Microsoft Access Is A

- a) RDBMS                      b) OODBMS                      c) ORDBMS                      d) Network Database

Model **Question 11:-**An organized collection of logically related data is known as

- a. Data                      b. Meta data                      c. Database                      d. Information

**Question 12:-**Which type of field is incremented automatically?

- a. Auto Elevate                      b. AutoNumber                      c. Auto Increment                      d. Auto Value

**Question 13:-**Which object is used to create a form?

- a. Tables and Queries                      b. Tables only                      c. Tables and reports                      d. Queries and reports

**Question 14:-** Which tool do you use to create a query object?

- a. Database wizard                      b. Simple filter wizard                      c. Simple query wizard                      d. Table query wizard

**Question 15:-** Which is the valid data type in Access?

- a. Number                      b. Text                      c. Currency                      d. All of the above

**Question 16:-**How many relations may exist between tables in databases?

- a. 4                      b. 3                      c. 2                      d. 1

**Question 17:-**What is the full form of SQL?

- a. Sophisticated Question List                      b. Structured Question List

- c. Structured Query Language                      d. Small Query Length

**Question 18:-**Which criteria return only those addresses beginning with the letter "K"?

- a. address = "K"                      b. address = "K\*"                      c. address = "K?"                      d. address = "K#"

**Question 19:-** Which data type is better to use for storing the price of an item?

- a. Text                      b. AutoNumber                      c. Number                      d. Currency

**Question 20:-** The basic elements of a form or a report are called:

- a. Controls                      b. Objects                      c. Windows                      d. Properties

### **Section B Long Answer**

Questions 1:-What is Database Management System (DBMS)? Describe all the different normalizations?

Questions 2:-What are the ten field types in Access? Define many-to-many relationship with examples.

Questions 3:-What are the different useful tools available in Design Window to help you with your design work?

Why Report Design View is important?

- Questions 4:-
- a) What are controls? How to use them? Give examples for control.
  - b) What is the form view?
  - c) What do you understand by Referential Integrity in Relationships?
  - d) What is the use of Validation Rule property of a field?

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<, >, @ "NULL", @ "Not entered", \$
- f) Define entity, cardinality, Arity?
- g) What are the types of join and explain each?

Questions 5:- Consider a relation and perform following table.

Emp (empno, ename, job, sal, deptno, address).

- a) To display average salary, maximum salary, minimum salary, total Salary and number of records in each department.
- b) To display employee records who is found salary between 7000 and 13000.
- c) To display employee records whose name begin with 'p' and ended with 'a'
- d) To display employee records whose name begin with any character followed by 'a' and remaining are any characters and ended with h.
- e) To display employee record who is found fourth lowest salary and fourth highest salary.

Questions 6:- Write short notes of following.

- a) Constraint.
- b) Self-Join
- c) Data warehouse
- d) Data Integrity
- e) Subquery
- f) Naïve user
- g) DBA
- h) SQL

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2015**

**PAPER CODE - OM-03/CFA-03/CCA-03/ADCA-03/DIT-03**

**RDBMS(MS Access)**

**Time: - 2 Hour**

**Max Mark's:-70**

**Section A**

**Question 1:-** What Are The Different Views To Display A Table

- a) Datasheet View
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- c) Pivot Table & Pivot Chart View
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Above

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- c) Design View Window
- d)

Switchboard

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- c. Windows
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### **Section B Long Answer**

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Questions 4:-

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- h) To display employee records whose name begin with 'p' and ended with 'a'
- i) To display employee records whose name begin with any character followed by 'a' and remaining are any characters and ended with h.
- j) To display employee record who is found fourth lowest salary and fourth highest salary.

Questions 6:- Write short notes of following.

- |                |               |                   |                   |
|----------------|---------------|-------------------|-------------------|
| b) Constraint. | b) Self-Join  | c) Data warehouse | d) Data Integrity |
| e) Subquery    | f) Naïve user | g) DBA            | h) SQL            |

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**TEST-SEPTEMBER-2018**

**DBMS (MS ACCESS) OM-03/ DTP-03/ADCA-03/DCA-03/DIT-03**

**Time: - 2 :00 Hour**

**Max Mark's:-100**

**Section A Multiple Choices**

1. When a picture or other graphic image is placed in the report header section it will appear \_\_\_\_
 

a. Once in the beginning of the report	b. At the top of every page
c. Every after record break	d. On the 1st and last pages of the report
2. This data type allows alphanumeric characters and special symbols.
 

a. text	b. memo	c. auto number	d. None of the above
---------	---------	----------------	----------------------
3. Query design window has two parts. The upper part shows
 

a. Name of fields, field type and size	b. Tables with fields and relationships between tables
c. Criteria	d. Sorting check boxes
4. In a database table, the category of information is called \_\_\_\_
 

a. tuple	b. field	c. record	d. All of above
----------	----------	-----------	-----------------
5. Which of the following is not a database object?
 

a. Tables	b. Queries	c. Relationships	d. Reports
-----------	------------	------------------	------------

**Section B True/False**

1. A file is a collection of similar records.
2. A database is a collection of interrelated files.
3. An historical advantage of using conventional files has been processing speed. They can be optimized for the access of the application.
4. Duplication of data items in multiple files is normally cited as the principal disadvantage of file-based systems.
5. A database is not necessarily dependent on the applications that use it.

**Section C Long type answer**

**Note:-** Write **any six** answers of the following-

1.
  - a) Describe any four Codd's rules/laws of RDBMS.
  - b) Explain Three Tier architecture with suitable diagram.
  - c) What is Relational Model? Give Suitable example.
2. Define a relational, Functional dependency, decompositions of relation & Primary key.
3. Explain what joins are and how you can open the database in Access?



4. What is Functional Dependency? Give suitable example.
5. Describe following keys.
  - i. Candidate Key
  - ii. Primary Key
  - iii. Foreign key
6. Explain Entity Integrity constraint with example. Also explain group by, having clause of SQL with example.
7. How many kinds of Queries are there in MS-Access?

8. **Consider Following Schema**

**Employee (ENO, ENAME, Department, Designation, DOJ, Salary, Dept\_Location)**

**Solve the following query**

- i) List the employees having Designation as "Manager" and .Dept\_Location as "Mumbai"
- ii) Set the salary as Rs.40, 000/- having Designation as "Project Leader"
- iii) List ENO, ENAME, Salary of employees having Salary between Rs. 20,000/- to Rs.30,000/-
- iv) List Ename of employees having 2nd alphabet in the name as "A".

\*\*\*\*\*

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM DEC-2013**

**PAPER - OM-4**

**Web technology & Internet**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Section A Multiple Choices**

- Question 1 Dynamic HTMS is a \_\_\_\_\_
- (a) Browser feature
  - (b) Supported by Netscape Navigator 4.0 and Internet Explorer 4.0
  - (c) Dynamic HTML is a markup language
  - (d) None of the above.
- Question 2 \_\_\_\_\_ specific to a browser provides a programming interface between HTML, Cascading Style Sheet and Java Script
- (a) Window Object Model
  - (b) Document Object Model
  - (c) Tree Object Model
  - (d) None of the above
- Question 3 Dynamic HTML is a \_\_\_\_\_
- (a) Markup language
  - (b) Structured Markup language
  - (c) Combination of several built in browser features.
  - (d) None of the above.

**Section B True / False**

- Question 4 In Cascading style sheet, an image can be specified in a 3D border defined on a page.
- Question 5 Cascading Style Sheet, is a formatting as well as transformation language.
- Question 6 In Cascading Style Sheet, class types allows to create sets of style rules and then apply them to elements on the page by referring to the class type.
- Question 7 The <SPAN> tag applies style definition for a particular section of the page.
- Question 8 Style sheet to be imported need to be defined in the <STYLE> container tag.
- Question 9 Dynamic HTML is a subset of HTM,
- Question 10 Data binding binds database fields to HTML elements.
- Question 11 Layer tags are not supported by Internet Explorer browser.
- Question 12 VBScript is supported by both the browser Netscape Navigator and Internet Explorer.

- Question 13     Dynamic web pages are created in advance of the user's request.
- Question 14     Internet is a Global network and is managed by a profit-oriented organization.
- Question 15     TCP does not control duplication of packets.
- Question 16     For logging in to Internet you must have an account on its host machine.
- Question 17     A router is used at the network layer.
- Question 18     Internet provides only one-way communication.
- Question 19     E-mail can be used to send text, pictures and movies
- Question 20     Usenet facility is same as that of mailing list facility.
- Question 21     Anonymous FTP allows viewing and retrieving a file from the achieve of a host without having an account on that machine.
- Question 22     Telnet is used for remote login.
- Question 23     An Internet address is a 16-bit number.
- Question 24     Each computer on the Internet has a maximum number of  $2^{16}$  or 65,536 ports.
- Question 25     Surfing means that you are sending for specific information on Internet.
- Question 26     HTML is used for creating home page for World Wide Web.
- Question 27     Hypermedia is same as Hypertext.
- Question 28     Netscape these days is one of the widely used browser.
- Question 29     Windows 95 provides software for browsing Internet.
- Question 30     Hypertext documents contain links to other documents.

### **Section C Fill in the blanks**

- Question 31 Pseudo classes use \_\_\_\_\_ as the separator character.
- Question 32 The font-weight for normal text is \_\_\_\_\_
- Question 33 In Cascading Style Sheet, repeat attribute \_\_\_\_\_ value, do not repeat the image in the background and display it on the window only once.
- Question 34 To increase the spacing between borders and content \_\_\_\_\_ property can be used.
- Question 35 To link an external style sheet, the <LINK> tag \_\_\_\_\_ attribute is used to specify the browser that the relation of the information being linked to is STYLE SHEET.
- Question 36 \_\_\_\_\_ Specific to a browser provide a programming interface between HTML, Cascading Style Sheet and JavaScript.
- Question 37 DHTML supports two types of filters \_\_\_\_\_ and \_\_\_\_\_
- Question 38 In Internet Explorer 4.0, \_\_\_\_\_ attribute allows to set visual and transitional effect to HTML ELEMENT.
- Question 39 Internet Explorer provides two Data Source Objects \_\_\_\_\_ and \_\_\_\_\_
- Question 40 The data binding architecture consists of four components \_\_\_\_\_ and \_\_\_\_\_
- Question 41 The Three components of Dynamic HTML are \_\_\_\_\_ and \_\_\_\_\_

### Section D Short Type Questions

- Question 1 What are the different layers in the TCP/IP networking Model?
- Question 2 Describe the facilities provided by the TCP?
- Question 3 What is an Internet address?
- Question 4 What is FTP?
- Question 5 What is Telnet?

### Section E Long Type Questions

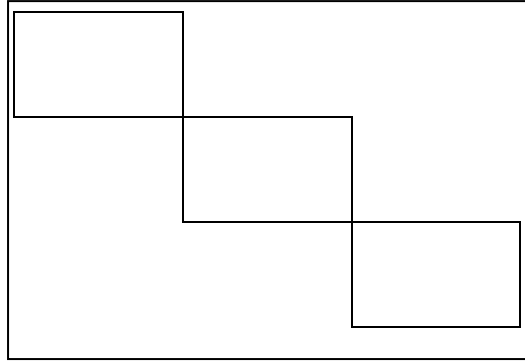
- Question 1 Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2 Write a JavaScript code that converts the entered text to upper case.
- Question 3 Write JavaScript code to validate Username and Password. Username and Password are stored in variables.
- Question 4 Design a web page that displays a welcome message whenever the page is loaded and an exit message whenever the page is unloaded.
- Question 5 Write HTML code to develop a Web page having the background in red and title "My First Page" in any other colour.
- Question 6 Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.
- Question 7 Write an HTML code to design a page containing text, in form of paragraphs giving suitable heading style.
- Question 8 Create a page to show different attributes of Font Tag.
- Question 9 Create a page to show different attributes italics, bold, underline.
- Question 10 Design a page having background colour yellow, giving text colour red and using all the attributes of font tag.
- Question 11 Write an HTML code to create a Web page of blue color and display links in red colour.
- Question 12 Write an HTML code to create a Web page that contains an image at its center.
- Question 13 Create a Web page with appropriate content and insert an image towards the left hand side of the page. When user clicks on the image, it should open another Web page.
- Question 14 Create a Web page using href attributes of anchor tag & the attribute alink, vlink etc.
- Question 15 Create a Web page, wherein when the user clicks on the link it should go to the bottom of the page.
- Question 16 Write HTML code to create a Web page of pink colour and display a moving message in red colour.
- Question 17 Create a Web page, showing an ordered list of the names of five of your friends.
- Question 18 Create an HTML document containing a nested list showing the content page any book.
- Question 19 Create a web page, showing an unordered list of names of five of your friends.
- Question 20 Create a Web page, which should contain a table having two rows and two columns.
- Question 21 Fill in some dummy data in the table created by you in question 1 of this session.
- Question 22 Create the following table in HTML with Dummy Data.

Name of train	Place	Destination	Train No.	Time		Fair
				Arrival	Departure	

- Question 23 Create the following table

Colour (White)		
RED	GREEN	BLACK

Question 24 Design an HTML having 3 image placed in the following format.



INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

Test – SEP 2017

**PAPER CODE - OM-4**

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-100**

**Time:- 2:00 Hour**

**Section A Multiple Choices**

Question 1:- For assigning values in to table cell, we use-----

- (a) <td> (b) <tr> (c) <li> (d) <iframe>

Question 2:- Which one of not indicate web browser?

- (a) MS Internet Explorer (b) Mozilla (c) Netscape Navigator (d) gmail

Question 3:- UL stand for-----

- (a) Underline (b) Un order List (c) Unique List (d) All

Question 4:- Google is a-----

- (a) Search Engine (b) URL (c) Website (d) All

Question 5:- HTML files usually ended with an extension.....-

- (a) .Html (b) .bmp (c) .doc (d) None

Question 6:- Dynamic HTML is a \_\_\_\_\_

- (a) Browser feature  
(b) Supported by Netscape Navigator 4.0 and Internet Explorer 4.0  
(c) Dynamic HTML is a markup language  
(d) None of the above.

Question 7:- \_\_\_\_\_ specific to a browser provides a programming interface between HTML, Cascading Style Sheet and Java Script

- (a) Window Object Model (b) Document Object Model  
(c) Tree Object Model (d) None of the above

Question 8:- Dynamic HTML is a \_\_\_\_\_

- (a) Markup language (b) Structured Markup language  
(c) Combination of several built in browser features. (d) None of the above.

**Section B True / False**

Question 1:- TCP does not control duplication of packets.

PTO

- Question 2:- For logging in to Internet you must have an account on its host machine.
- Question 3:- A router is used at the network layer.
- Question 4:- Internet provides only one-way communication.
- Question 5:- E-mail can be used to send text, pictures and movies
- Question 6:- Usenet facility is same as that of mailing list facility.
- Question 7:- Anonymous FTP allows viewing and retrieving a file from the achieve of a host without having an account on that machine.
- Question 8:- Telnet is used for remote login.
- Question 9:- An Internet address is a 16-bit number.
- Question 10:- Each computer on the Internet has a maximum number of  $2^{16}$  or 65,536 ports.

### Section C Long Type Questions

- Question 1:- Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2:- Design a web page that displays a welcome message whenever the page is loaded and an exit message whenever the page is unloaded.
- Question 3:- Write HTML code to develop a Web page having the background in red and title "My First Page" in any other colour.
- Question 4:- Create the following table in HTML with Dummy Data.

Name of train	Place	Destination	Train No.	Time		Fair
				Arrival	Departure	

- Question 5:- Design an HTML page for the Block Introduction" of this book: the page should allow scrolling and the code should contain a comment header with your name and enrolment number.
- Question 6:- What difference does it make if we express the width of a table in percentage or in pixel value? And how do we set the width of a particular column or cell in a table?

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM DEC-2013**

**PAPER - OM-4**

### **Web technology & Internet**

**Time:- 2 :30 Hour**

**Max**

**Mark's:-70**

**Note:** Attempt all question

### Section A Multiple Choices

- Question 1** Dynamic HTMS is a\_\_\_\_\_
- Browser feature
  - Supported by Netscape Navigator 4.0 and Internet Explorer 4.0
  - Dynamic HTML is a markup language
  - None of the above.
- Question 2** \_\_\_\_\_ specific to a browser provides a programming interface between HTML, Cascading Style Sheet and Java Script
- Window Object Model
  - Document Object Model
  - Tree Object Model
  - None of the above

- Question 3** Dynamic HTML is a \_\_\_\_\_  
 language (a) Markup language (b) Structured Markup  
 (c) Combination of several built in browser features. (d) None of the above.
- Question 4** Which one of not indicate web browser?  
 (a) MS Internet Explorer (b) Mozilla (c) Netscape Navigator (d) Gmail
- Question 5** Yahoo is a-----  
 (a) Search Engine (b) URL (c) Website (d) All

### Section B Fill in the blanks

- Question 1** The font-weight for normal text is \_\_\_\_\_
- Question 2** To increase the spacing between borders and content \_\_\_\_\_ property can be used.
- Question 3** DHTML supports two types of filters \_\_\_\_\_ and \_\_\_\_\_
- Question 4** Internet Explorer provides two Data Source Objects \_\_\_\_\_ and \_\_\_\_\_
- Question 5** The Three components of Dynamic HTML are \_\_\_\_\_ and \_\_\_\_\_

### Section C True / False

- Question 1** In Cascading style sheet, an image can be specified in a 3D border defined on a page.
- Question 2** Dynamic HTML is a subset of HTML,
- Question 3** Data binding binds database fields to HTML elements.
- Question 4** Layer tags are not supported by Internet Explorer browser.
- Question 5** VBScript is supported by both the browser Netscape Navigator and Internet Explorer.
- Question 6** Dynamic web pages are created in advance of the user's request.
- Question 7** Internet is a Global network and is managed by a profit-oriented organization.
- Question 8** TCP does not control duplication of packets.
- Question 9** A router is used at the network layer.
- Question 10** Internet provides only one-way communication.
- Question 11** E-mail can be used to send text, pictures and movies
- Question 12** Usenet facility is same as that of mailing list facility.
- Question 13** Netscape these days is one of the widely used browser.
- Question 14** Windows 95 provides software for browsing Internet.
- Question 15** Surfing means that you are sending for specific information on Internet.

### Section E Long Type Questions

**Note:** Write answer **any three** of the following

- Question 1** Write HTML code to generate the following output:

1	2	3	4
5	IMAGE		6
7			8
9	10	11	12

- Question 2** Write an HTML code to design a page containing text, in form of paragraphs giving suitable heading style.
- Question 3** Create a Web page using href attributes of anchor tag & the attribute alink, vlink etc.

Question 4 Write HTML code to generate the following output:

Question 5  
HTML tag

Weather	DELHI	MUMBAI
	40	35

Which allows you to

scroll text on the Web page?

Question 6 Write java script code for display series of Fibonacci numbers and also display series of factorial.

Question 7 Write java script code for displaying date and time on screen.

\*\*\*\*\*

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM DEC-2014**

**PAPER - OM-4**

**Web technology & Internet**

**Time:- 2 :30 Hour**

**Max Mark's:-70**

**Note:** Attempt all question

**Section A Multiple Choices**

- Question 1** Any computer can be turned into a \_\_\_\_\_ by installing server S/W and connecting to internet.
- (a) Web Browser (b) Web Server  
(c) URL (d) Search Engine
- Question 2** Which of the following is not a web browser
- (a) Net Cruiser (b) Window XP  
(c) Lynx (d) Opera
- Question 3** \_\_\_\_\_ element is a divider between section of text such as a full width horizontal rule or equivalent graphics.
- (a) Word Break (b) Horizontal rule  
(c) No Break (d) None of the above.
- Question 4** Which of the following is unordered list
- (a) Type = "1" (b) Type = "Disc"  
(c) Type = "A" (d) Type = "I"
- Question 5** Inventor of google
- (a) Tim Burner Lee (b) Larry Page & Sergey Brin  
(c) Lady Ada (d) None

**Section B Fill in the blanks**

- Question 1** Transmission speed measured in \_\_\_\_\_.
- Question 2** The sharing of resources between two or more people is called \_\_\_\_\_.
- Question 3** ARPANET is referred to as \_\_\_\_\_.
- Question 4** Set of formalized access rule is called \_\_\_\_\_.
- Question 5** \_\_\_\_\_ is also called regenerator, It boosted up weakened signal.
- Question 6** \_\_\_\_\_ is also called multiport repeaters or concentrators.
- Question 7** \_\_\_\_\_ has all features of repeaters. It is used to connect dissimilar networks like Ethernet system.
- Question 8** \_\_\_\_\_ is used for connecting dissimilar communication protocols for wide area network.
- Question 9** \_\_\_\_\_ is much more complex and powerful than routers.
- Question 10** \_\_\_\_\_ is responsible for end-to-end delivery between hosts.



### Section C True / False

- |                    |   |
|--------------------|---|
| <b>Question 1</b>  | Application layer is responsible for address assignment and uniquely addressing hosts in a network.                         |
| <b>Question 2</b>  | physical layers is responsible for reading and writing data from and onto the line. Link errors are detected at this layer. |
| <b>Question 3</b>  | Transport layer defines the protocol which enables user to internet with the network such as FTP, HTTP etc.                 |
| <b>Question 4</b>  | Link layer facilitates host addressing and recognition. This layer defines routing.   |
| <b>Question 5</b>  | Internet layer provides mechanism of sending and receiving actual data.   |
| <b>Question 6</b>  | Message switching technique is a physical permanent & dedicated connection established between senders to receiver.         |
| <b>Question 7</b>  | Virtual Circuit technique many logical paths established from sender to receiver during transmission of packets.            |
| <b>Question 8</b>  | E-mail is transferring large amount of textual information from one organization to another organization.                   |
| <b>Question 9</b>  | EFT is services of E-mail.  |
| <b>Question 10</b> | Compuserve is a satellite based nationwide network. It contain information about each villages, district and city of India. |

## Section D Long Type Questions

**Note:** Write answer **any five** of the following

- Question 1** Write an HTML code to create a Web page of blue color and display links in red colour.

**Question 2** Create a Web page with appropriate content and insert an image towards the left hand side of the page. When user clicks on the image, it should open another Web page.

**Question 3** Write HTML code to create a Web page of pink colour and display a moving message in red color.

**Question 4** Create a Web page, showing an ordered list of the names of five of your friends.

**Question 5** Create the following table in HTML with Dummy Data.

Name of train	Place	Destination	Train No.	Time		Fair
				Arrival	Departure	

- Question 6** Describe about form tag with suitable example.
- Question 7** Which tag is used to define frames in HTML?
- Question 8** Write JAVA Script code to display date and time of system.

\*\*\*\*\*



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u dksbZ tqkWa ||

INSTITUTE OF COMPUTER SCIENCES &amp; MANAGEMENT CHITAI PUR VARANASI (S-158)

**EXAM – DEC - 2016**

**PAPER CODE - OM-4**

## WEB TECHNOLOGY & INTERNET

**Max Mark's:-100**

**Time:-** 2:30 Hour

### Section A Multiple Choices

- Question 1.** Which of the following is used to create Web Page?  
a. HTML                                      b. JVM                                      c. C                                      d.C++
- Question 2.** HTML is considered as \_\_\_\_\_ language.  
a. Markup Language                      b. OOP Language                      c. Both                                      d.none

**Question 3.** HTML markup language is a set of Markup \_\_\_\_\_.

- a. Tags                      b. Attributes                      c. Groups                      d. Sets

**Question 4.** HTML tags are used to describe document \_\_\_\_\_.

- a. Contents                      b. Definition                      c. Language                      d. None

**Question 5:-** Tags and test that are not directly displayed on the page are written in \_\_\_\_\_ section.

- a. <html>                      b. <head>                      c. <title>                      d. <body>

**Question 6:-** Which tag inserts a line horizontally on your web page?

- a. <line>                      b. <line direction="horizontal">                      c. <hr>  
d.none

**Question 7:-** What should be the first tag in any HTML document?

- a. <head>                      b. <title>                      c. <html>                      d.  
<document>

**Question 8:-** How can you make a bulleted list?

- a. <list>                      b. <nl>                      c. <ul>                      d. <ol>

**Question 9.** How can you make a numbered list?

- a. <dl>                      b. <ol>                      c. <list>                      d. mcqsets.com

**Question 10.** Choose the correct HTML tag to make a text italic

- a. <ii>                      b. <italics>                      c. <italic>  
d.<i>

### Section B True / False

**Question 1:-** <img dynsrc> tag is used for playing video on browser

**Question 2:-** <DT> tag is used for Definition term.

**Question 5:-** alert() function is used in java script for designing web page.

**Question 6:-** Google Chrome is a software program for getting information from the WWW.

**Question 7:-** Upload means to copy a file from your computer to another.

**Question 8:-** Gopher organizes information on the Internet using a system of menus.

**Question 9:-** bps stands for Bytes Per Second.

**Question 10:-** Hypertext is a text with many images and sounds.

### Section C Long Type Questions

**Note:** - Attempt any **Five** Questions.

**Question 1:-** How do I make a frame with a vertical scrollbar but without a horizontal scrollbar? Explain with suitable examples.

**Question 2:-** Display time and print message accordingly e.g., 'Good Morning' in Morning etc.

**Question 3:-** Create an HTML form that has a number of text boxes. The user fills the textboxes with data. Write a script that verifies that all textboxes have been filled. If a text box has been left empty pop up an alert message indicating the box that has been left empty. When OK button is clicked, set focus to that specific textbox. If all the textboxes are filled, display thank you.

**Question 4:-** Create a Web page, showing an ordered list of the names of five of your friends.

**Question 5:-** Design a Web Page, which is like 'compose' page of e-mail.

To	
Copy	
Message	
<input type="button" value="Send"/>	

**Question 6:-** Create a Web page divided into two equal frames.

--	--

**Question 7:-** Describe about data communication technology in brief.

**Question 8:-** Write complete name of the following short name-

- (a) CCC                      (b) BCC                      (c) IETF                      (d) GOOGLE  
(e) GPRS                      (f) BSNL                      (g) Kbps                      (h) WWW

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

EXAM – JUNE - 2017

**PAPER CODE - OM-4**

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-70**

**Time:- 2:00 Hour**

**Section A Multiple Choices**

**Question 1:-** Background attribute is used in body for -----

- (a) Color                      (b) Image                      (c) Both a & b                      (d) None

**Question 2:-** Which one of the following is not indicate web browser?

- (a) Net Scape Navigator                      (b) Mozilla                      (c) Chimera                      (d) Google

**Question 3:-** W3C Stand for -

- (a) Word Wide Web Consortium                      (b) World Web Wide  
(c) Word Web Browser                      (d) None

**Question 4:-** Which one of following is not Search engine -?

- (a) Khoj                      (b) Google                      (c) Alta Vista                      (d) nic

**Question 5:-** HTML files usually ended with an extension.....-

- (a) .Html                      (b) .xls                      (c) .ndx                      (d) None

**Section B True / False**

**Question 1:-** <frameset> tag remove body of the HTML format code.

**Question 2:-** <ul> tag is used for ordered list.

**Question 3:-** <TD> & <TR> tags are used for representing table data?

**Question 4:-** <iframe> tag is used for floating frame on web page.

**Question 5:-** document.write is used in Java Script for display any message or any HTML tag effect on web page.

**Section C Long Type Questions**

**Note :-** Attempt any **Six** Questions.

- Question 1      Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2      Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.
- Question 3      Design a page having background colour yellow, giving text colour red and using all the attributes of font tag.
- Question 4      Create a Web page, showing an ordered list of the names of five of your friends.

- Question 5 Create a Web page, which should contain s table having two rows and two columns.
- Question 6 Create a Web page that should contain a table having seven rows and four columns, along with the attributes - colspan & rowspan.
- Question 7 Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows.
- Question 8 Write an HTML code to develop a Web page having frames as described in the above question and then fill each frame with a different background colour.
- Question 9 What are values of method attribute of the form tag?
- Question 10 Write Java Script code to display date and time of the system on web page.

\*\*\*



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u dksbZ tgkWa ||

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)

**PAPER CODE - OM-4**

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-100**

**Time:- 2:00 Hour**

**Section A Multiple Choices**

- Question 1:-** Background attribute is used in body for -----  
(a) Color (b) Image (c) Both a & b (d) None
- Question 2:-** Which one of the following is not indicate web browser?  
(a) Net Scape Navigator (b) Mozilla (c) Chimera (d) Google
- Question 3:-** W3C Stand for -  
(a) Word Wide Web Consortium (b) World Web Wide  
(c) Word Web Browser (d) None
- Question 4:-** Which one of following is not Search engine -?  
(a) Khoj (b) Google (c) Alta Vista (d) nic
- Question 5:-** HTML files usually ended with an extension.....-  
(a) .Html (b) .xls (c) .ndx (d) None

**Section B True / False**

- Question 1:-** <frameset> tag remove body of the HTML format code.
- Question 2:-** <ul> tag is used for ordered list.
- Question 3:-** <TD> & <TR> tags are used for representing table data?
- Question 4:-** <iframe> tag is used for floating frame on web page.
- Question 5:-** document.write is used in Java Script for display any message or any HTML tag effect on web page.

**Section C Long Type Questions**

**Note :- Attempt any Six Questions.**

- Question 1 Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2 Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.
- Question 3 Design a page having background colour yellow, giving text colour red and using all the attributes of fond tab.
- Question 4 Create a Web page, showing an ordered list of the names of five of your friends.
- Question 5 Create a Web page, which should contain s table having two rows and two columns.
- Question 6 Create a Web page that should contain a table having seven rows and four columns, along with the attributes - colspan & rowspan.

- Question 7 Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows.
- Question 8 Write an HTML code to develop a Web page having frames as described in the above question and then fill each frame with a different background colour.
- Question 9 What are values of method attribute of the form tag?
- Question 10 Write Java Script code to display date and time of the system on web page.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM MARCH-2018**

**PAPER - OM-4 Web Page Designing (HTML/DHTML/JAVA Script/Internet)**

**Time:- 2 :00 Hour**

**Max Mark's:-70**

**Note:** Attempt all question!

**Section-A Multiple Choices**

**Question 1:-** Which of the following is image tag.

- a. picture                                      b. image                                      c. img                                      d. src

**Question 2.** <b> tag makes the enclosed text bold. What is other tag to make text bold?

- a. <strong>                                      b. <dar>                                      c. <black>                                      d. <emp>

**Question 3.** Tags and test that are not directly displayed on the page are written in \_\_\_\_\_ section.

- a. <html>                                      b. <head>                                      c. <title>                                      d. <body>

**Question 4.** Which tag inserts a line horizontally on your web page?

- a. <hr>                                      b. <line>                                      c. <line direction="horizontal"> d. <tr>

**Question 5.** What should be the first tag in any HTML document?

- a. <head>                                      b. <title>                                      c. <html>                                      d. <document>

**Question 6.** Which tag allows you to add a row in a table?

- a. <td> and </td>                                      b. <cr> and </cr>                                      c. <th> and </th>                                      d. <tr> and </tr>

**Question 7.** How can you make a bulleted list?

- a. <list>                                      b. <nl>                                      c. <ul>                                      d. <ol>

**Question 8.** How can you make a numbered list?

- a. <dl>                                      b. <ol>                                      c. <list>                                      d. <ul>

**Question 9.** Where can you find best quality multiple choice questions?

- a. icttrends.com                                      b. psexam.com                                      c. prepare.icttrends.com                                      d. mcqsets.com

**Question 10.** How can you make an e-mail link?

- a. <a href="xxx@yyy">                                      b. <mail href="xxx@yyy">  
c. <mail>xxx@yyy</mail>                                      d. <a href="mailto:xxx@yyy">

**Question 11.** What is the correct HTML for making a hyperlink?

- a. <a href="http:// mcqsets.com">ICT Trends Quiz</a>  
b. <a name="http://mcqsets.com">ICT Trends Quiz</a>  
c. <http://mcqsets.com</a>  
d. url="http://mcqsets.com">ICT Trends Quiz

**Question 12.** Choose the correct HTML tag to make a text italic

- a. <ii>                                      b. <italics>                                      c. <italic>                                      d. <i>

**Question 13.** Choose the correct HTML tag to make a text bold?

- a. <b>                                      b. <bold>                                      c. <bb>                                      d. <bld>

**Question 14.** What is the correct HTML for adding a background color?

- a. <body color="yellow">                                      b. <body bgcolor="yellow">  
c. <background>yellow</background>                                      d. <body background="yellow">

**Question 15.** Choose the correct HTML tag for the smallest size heading?

- a. <heading>                                      b. <h6>                                      c. <h1>                                      d. <head>

**Question 16.** What is the correct HTML tag for inserting a line break?

- a. <br>                                      b. <lb>                                      c. <break>                                      d. <newline>

**Question 17.** What does vlink attribute mean?

- a. visited link                                      b. virtual link                                      c. very good link                                      d. active link

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**Question 18.** Which attribute is used to name an element uniquely?

- a. class                                      b. id                                      c. dot                                      d. all of above

**Question 19.** Which tag creates a check box for a form in HTML?

- a. <checkbox>                                      b. <input type="checkbox">                                      c. <input=checkbox>                                      d. <input checkbox>

**Question 20.** To create a combo box (drop down box) which tag will you use?

- a. <select>                                      b. <list>                                      c. <input type="dropdown">                                      d. all of above\

### **Section-B True / False**

**Question 1:-** HTTP stands for Hypertext Transfer Protocol.

**Question 2:-** Network is a group of computers set up to communicate with one another.

**Question 3:-** E-mail is short for electric mail.

**Question 4:-** FTP is a means of transferring fun pages from one computer to another.

**Question 5:-** E-mail is used to communicate over the Internet.

**Question 6:-** Browser is a software program for getting information from the WWW.

**Question 7:-** Download means to copy a file from your computer to another.

**Question 8:-** Gopher organizes information on the Internet using a system of menus.

**Question 9:-** ISP stands for Internet Service Protocol.

**Question 10:-** Hypertext is a text with many images and sounds.

### **Section-C Long type answer**

**Note:-** Write any Five answer of the following Question but Seven is compulsory.

**Question 1:-** What is the difference between HTML elements and tags?

**Question 2:-** What is the syntax difference between a bulleted list and numbered list?

**Question 3:-** How many HTML tags are should be used for the most simple of web pages?

**Question 4:-** What is a Hypertext link? Explain with suitable examples.

**Question 5:-** How do I make a frame with a vertical scrollbar but without a horizontal scrollbar? Explain with suitable examples.

**Question 6:-** How can I make a form with custom buttons?

**Question 7:-** Write JavaScript code for display date and time on browser.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**EXAM JUNE-2016**

**PAPER - OM-4                      Web Page Designing (HTML/DHTML/JAVA Script/Internet)**

**Time:- 2 :00 Hour**

**Max Mark's:-70**

**Note: Attempt all question!**

### **Section-A Multiple Choices**

**Question 1:-** UL stand for-----

- (a) Underline                                      (b) Un order List                                      (c) Unique List                                      (d) All

**Question 2:-** Google Chrome is a-----

- (a) Search Engine                                      (b) URL                                      (c) Website                                      (d) None

**Question 3:-** HTML files usually ended with an extension.....-

- (a) .Html/.htm                                      (b) .bmp                                      (c) .doc                                      (d) None

**Question 4:-** Dynamic HTML is a \_\_\_\_\_

- (a) Browser feature  
(b) Supported by Netscape Navigator 4.0 and Internet Explorer 4.0  
(c) Dynamic HTML is a markup language  
(d) None of the above.

**Question 5.** Which tag inserts a line horizontally on your web page?

- a. <hr>                                      b. <line>                                      c. <line direction="horizontal">d. <tr>

**Question 6.** Which tag allows you to add a row in a table?

- a. <td> and </td>                      b. <cr> and </cr>                      c. <th> and </th>                      d. <tr> and </tr>

**Question 7.** How can you make a bulleted list?

- a. <list>                      b. <nl>                      c. <ul>                      d. <ol>

**Question 8.** How can you make a numbered list?

- a. <dl>                      b. <ol>                      c. <list>                      d. <ul>

**Question 9.** Where can you find best quality multiple choice questions?

- a. icttrends.com                      b. psexam.com                      c. prepare.icttrends.com                      d. mcqsets.com

**Question 10.** A Web site's front page/main page is called

- a. Browser Page                      b. Search Page                      c. Home Page                      d. Bookmark

**Question 11.** Which of the following is a correct format of Email address?

- a. name@website@info                      b. name@website.info  
c. www.nameofebsite.com                      d. name.website.com

**Question 12.** Choose the correct HTML tag to make a text italic

- a. <ii>                      b. <italics>                      c. <italic>                      d. <i>

**Question 13.** Choose the correct HTML tag to make a text bold?

- a. <b>                      b. <bold>                      c. <bb>                      d. <bld>

**Question 14.** What is the correct HTML for adding a background color?

- a. <body color="yellow">                      b. <body bgcolor="yellow">  
c. <background>yellow</background>                      d. <body background="yellow">

**Question 15.** The Internet was originally a project of which agency?

- a. ARPA                      b. NSF                      c. NSA                      d. None of these

### **Section B Fill in the blanks**

- Question 1**      The font-weight for normal text is \_\_\_\_\_
- Question 2**      To increase the spacing between borders and content \_\_\_\_\_ property can be used.
- Question 3**      DHTML supports two types of filters \_\_\_\_\_ and \_\_\_\_\_
- Question 4**      Internet Explorer provides two Data Source Objects \_\_\_\_\_ and \_\_\_\_\_
- Question 5**      The Three components of Dynamic HTML are \_\_\_\_\_ and \_\_\_\_\_

### **Section-C True / False**

- Question 1:-** <TD> & <TR> tags are used for representing table data?
- Question 2:-** <iframe> tag is used for floating frame on web page.
- Question 3:-** document.write is used in Java Script for display any message or any HTML tag effect on web page.
- Question 4:-** FTP is a means of transferring fun pages from one computer to another.
- Question 5:-** E-mail is used to communicate over the Internet.
- Question 6:-** Browser is a software program for getting information from the WWW.
- Question 7:-** Download means to copy a file from your computer to another.
- Question 8:-** Gopher organizes information on the Internet using a system of menus.
- Question 9:-** ISP stands for Internet Service Protocol.
- Question 10:-** Hypertext is a text with many images and sounds.

### **Section-D Long type answer**

**Note:-**      Write any Five answer of the following Question but Seven is compulsory.

- Question 1:-**      What is the difference between HTML elements and tags?
- Question 2:-**      What is the syntax difference between a bulleted list and numbered list?
- Question 3:-**      How many HTML tags are should be used for the most simple of web pages?

- Question 4:-** What is a Hypertext link? Explain with suitable examples.
- Question 5:-** How do I make a frame with a vertical scrollbar but without a horizontal scrollbar? Explain with suitable examples.
- Question 6:-** Write HTML code to generate the following output:

Weather	DELHI	MUMBAI
	40	35

- Question 7:-** Write JavaScript code for display date and time on browser.
- Question 8:-** Write java script code to display pattern of diamonds.

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

EXAM –JUNE- 2018(TEST)

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-100**

**PAPER**

**OM-04/ DTP-04/CCC-04/CFA-04/ADCA-04/DCA-04**

**Time:- 2:30 Hour**

**Section A -Multiple Choices**

- A webpage displays a picture. used to display that picture?  
a. src                      b. picture                      c. image                      d. img
- Which tag inserts a line horizontally on your web page?  
a. <hr>                      b. <line>                      c. <line direction="horizontal"> d. <tr>
- What should be the first tag in any HTML document?  
a. Tags                      b. <title>                      c. <html>                      d. <document>
- HTML tags are used to describe document \_\_\_\_\_.  
a. Contents                      b. Definition                      c. Language                      d. None
- Which tag allows you to add a row in a table?  
a. <td> and </td>                      b. <cr> and </cr>                      c. <th> and </th>                      d. <tr> and </tr>

**Section B- True / False**

- HTML tags tell a Web browser how to render a Web page.
- The default alignment for heading elements is right-justification.
- A transparent GIF allows you to keep the original background color of the image when placed on a web page.
- Tables are used to control the layout of different visual elements.
- A transparent GIF allows you to keep the original background color of the image when placed on a web page.

**Section C -Long Type Questions**

**Note: - Attempt All Questions.**

- What is HTML? And also give the important terminologies in HTTPs
- Write a HTML table tag sequence that outputs the following:  
a:-I will follow "**Honesty Is the Best Policy**".



b:-I will do **“Hard work With Discipline and Smile”**.

3. How do you create a link that will connect to another web page when clicked?
4. What is the difference between the directory and menu lists and the unordered list?
5. What is the relationship between the border and rule attributes? Also Give the important terminologies in HTTP
6. What are JavaScript data types? Also describe, How to implement the HTML Links?
7. What are all the Decision Control structures in JavaScript? Write program to check number is Even or Odd.
8. Write short note of the following: -

- |                            |                      |                     |          |
|----------------------------|----------------------|---------------------|----------|
| (a) Browser model          | (b) Protocol         | (c) Channel         | (d) OSI  |
| (e) Circuit Switching book | (f) Packet Switching | (g) Twitter account | (h) face |

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)**

**JUNE EXAM-2018**

**DBMS (MS ACCESS) OM-04/CFA-04/ADCA-04/DCA-03/DIT-04**

**Time: - 2 :00 Hour**

**Max Mark's:-100**

**Section A Multiple Choices**

- Q 1. Dynamic HTMS is a\_\_\_\_\_
- (a) Browser feature  
(b) Supported by Netscape Navigator 4.0 and Internet Explorer 4.0  
(c) Dynamic HTML is a markup language  
(d) None of the above.
- Q 2. \_\_\_\_\_ specific to a browser provides a programming interface between HTML, Cascading Style Sheet and Java Script
- (a) Window Object Model (b) Document Object Model  
(c) Tree Object Model (d) None of the above
- Q 3. Dynamic HTML is a \_\_\_\_\_
- (a) Markup language (b) Structured Markup language  
(c) Combination of several built in browser features. (d) None of the above.
- Q 4. Google is a-----
- (a) Search Engine (b) URL (c) Website (d) All**
- Q 5. HTML files usually ended with an extension.....-
- (a) .Html (b) .bmp (c) .doc (d) None**

**Section B True / False**

- Q 1 In Cascading style sheet, an image can be specified in a 3D border defined on a page.
- Q 2 Cascading Style Sheet, is a formatting as well as transformation language.
- Q 3 In Cascading Style Sheet, class types allows to create sets of style rules and then apply them to elements on the page by referring to the class type.
- Q 4 The <SPAN> tag applies style definition for a particular section of the page.
- Q 5 Style sheet to be imported need to be defined in the <STYLE> container tag.

**Section C Long Type Questions**

- Q 1. Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different color.
- Q 1. Write a JavaScript code that converts the entered text to upper case.

- Q 2. Write HTML code to develop a Web page having the background in red and title "My First Page" in any other colour.
- Q 3. Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.
- Q 4. Write an HTML code to design a page containing text, in form of paragraphs giving suitable heading style.
- Q 5. Create a page to show different attributes of Font Tag.
- Q 6. Create a page to show different attributes italics, bold, underline.
- Q 7. Design a page having background colour yellow, giving text colour red and using all the attributes of font tag.
- Q 8. Write an HTML code to create a Web page of blue color and display links in red colour.
- Q 9. Write an HTML code to create a Web page that contains an image at its center.

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)

TEST EXAM –Oct - 2017

**PAPER CODE - OM-4**

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-100**

**Time:- 2:00 Hour**

**Section A Multiple Choices**

- Question 1:-** Background attribute is used in body for -----  
 (a) Color (b) Image (c) Both a & b (d) None
- Question 2:-** Which one of the following is not indicate web browser?  
 (a) Net Scape Navigator (b) Mozilla (c) Chimera (d) Google
- Question 3:-** W3C Stand for -  
 (a) Word Wide Web Consortium (b) World Web Wide  
 (c) Word Web Browser (d) None
- Question 4:-** Which one of following is not Search engine -?  
 (a) Khoj (b) Google (c) Alta Vista (d) nic
- Question 5:-** HTML files usually ended with an extension.....-  
 (a) .Html (b) .xls (c) .ndx (d) None

**Section B True / False**

- Question 1:-** <frameset> tag remove body of the HTML format code.
- Question 2:-** <ul> tag is used for ordered list.
- Question 3:-** <TD> & <TR> tags are used for representing table data?
- Question 4:-** <iframe> tag is used for floating frame on web page.
- Question 5:-** document.write is used in Java Script for display any message or any HTML tag effect on web page.

**Section C Long Type Questions**

**Note :-** Attempt any **Six** Questions.

- Question 1** Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2** Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.

- Question 3 Design a page having background colour yellow, giving text colour red and using all the attributes of font tag.
- Question 4 Create a Web page, showing an ordered list of the names of five of your friends.
- Question 5 Create a Web page, which should contain a table having two rows and two columns.
- Question 6 Create a Web page that should contain a table having seven rows and four columns, along with the attributes - colspan & rowspan.
- Question 7 Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows.
- Question 8 Write an HTML code to develop a Web page having frames as described in the above question and then fill each frame with a different background colour.
- Question 9 What are values of method attribute of the form tag?
- Question 10 Write Java Script code to display date and time of the system on web page.

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INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAI PUR VARANASI (S-158)

TEST EXAM – DECEMBER - 2016

**PAPER CODE - OM-4**

**WEB TECHNOLOGY & INTERNET**

**Max Mark's:-100**

**Time:- 2:00 Hour**

**Section A Multiple Choices**

- Question 1:-** Background attribute is used in body for -----  
 (a) Color (b) Image (c) Both a & b (d) None
- Question 2:-** Which one of the following is not indicate web browser?  
 (a) Net Scape Navigator (b) Mozilla (c) Chimera (d) Google
- Question 3:-** W3C Stand for -  
 (a) Word Wide Web Consortium (b) World Web Wide  
 (c) Word Web Browser (d) None
- Question 4:-** Which one of following is not Search engine -?  
 (a) Khoj (b) Google (c) Alta Vista (d) nic
- Question 5:-** HTML files usually ended with an extension.....-  
 (a) .Html (b) .xls (c) .ndx (d) None

**Section B True / False**

- Question 1:-** <frameset> tag remove body of the HTML format code.
- Question 2:-** <ul> tag is used for ordered list.
- Question 3:-** <TD> & <TR> tags are used for representing table data?
- Question 4:-** <iframe> tag is used for floating frame on web page.
- Question 5:-** document.write is used in Java Script for display any message or any HTML tag effect on web page.

**Section C Long Type Questions**

**Note :- Attempt any Six Questions.**

- Question 1 Design a single page web site for a university containing a description of the courses offered. It should also contain some general information about the university such as its history, the campus, its unique features and so on. The site should be coloured and each section should have a different colour.
- Question 2 Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.
- Question 3 Design a page having background colour yellow, giving text colour red and using all the attributes of font tag.
- Question 4 Create a Web page, showing an ordered list of the names of five of your friends.

- Question 5 Write javascript code to Show and Hide Message “Honesty is the best Policy”, After pressing SHOW and HIDE button.
- Question 6 Write javascript code to change any color of windows.
- Question 7 Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows.
- Question 8 Write an HTML code to develop a Web page having frames as described in the above question and then fill each frame with a different background colour.
- Question 9 What are values of method attribute of the form tag?
- Question 10 Write Java Script code to display date and time of the system on web page.

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2015**

**PAPER CODE - OM-04/CFA-04/CCA-04/ADCA-04/DIT-04**

**Web Technology And Internet**

**Time: - 2 Hour**

**Max Mark's:-70**

**Section A**

**Question 1:-** Internet is a.

- a. a local computer network
- b. a world wide network of computers
- c. an interconnected network of computers
- d. a world wide interconnected network of computers which use a common protocol to communicate with one another

**Question 2:-** Internet requires

- a. an international agreement to connect computers
- b. a local area network
- c. a commonly agreed set of rules to communicate between computers
- d. a World Wide Web

**Question 3:-** IP addresses are converted to

- a. a binary string
- b. alphanumeric string
- c. a hierarchy of domain names
- d. a hexadecimal string

**Question 4:-** Internet uses

- a. Packet switching
- b. Circuit switching
- c. Telephone switching
- d. Telex switching

**Question 5:-** The time taken by internet packets

- a. can be predetermined before transmission
- b. may be different for different packets
- c. is irrelevant for audio packets
- d. none

**Question 6:-** World Wide Web

- a. is another name for internet
- b. world wide connection for computers
- c. a collection of linked information residing on computers connected by the internet
- d. a collection of world wide information

**Question 7:-** A web page is located using a

- a. Universal Record Linking
- b. Uniform Resource Locator
- c. Universal Record Locator
- d. Uniformly Reachable Links

**Question 8:-** The tag used in HTML to link it with other URL's is:

- a. <a>
- b. <b>
- c. <i>
- d. <pre>

**Question 9:-** HTML stands for

- a. Hyper Text Making Links
- b. Hyper Text Markup Language
- c. Higher Textual Marking of Links
- d. Hyper Text Mixer of Links

**Question 10:-** HTML tags define

a. The data types of elements of document document

c. The contents of the document

b. Presentation of elements of a

d. The structure of the document

**Question 11:-** What does IRC stand for?

a. Internet Relay Chat

c. Internet Remote Conversations

b. International Relay of. Characters

d. none

**Question 12:-** What does FTP stand for?

a. File Transfer Program

c. File Transfer Protocol

b. File Transmission Protocol .

d. none

**Question 13:-** Which of the following is a web server?

a. Mozilla Firefox

b. Postfix

c. Bind

d. Apache

**Question 15:-** Which one of the following is NOT an example of an extension in a URL?

a .gov

b .edu

c .npr

d .com

**Question 16:-** How many layers are there in the OSI model?

a. 3

b. 5

c. 7

d. 10

**Question 17:-** On the internet, which version of the Internet Protocol is the most widely used?

a. IPv1

b. IPv3

c. IPv4

d. IPv6

**Question 18:-** How many bits are in a byte?

a. 2

b. 4

c. 6

d. 8

**Question 19:-** What product did Amazon first sell?

a. Online Advertising

b. Books

c. Music

d. DVDs and

Video

**Question 20:-** Each statement below is either **TRUE** or **FALSE**.

20.1 Portal is another word for search engine.

20.2 The Internet and the World Wide Web are the same.

20.3 An address such as www.cnn.com is an IP address.

20.4 The term "Multimedia" on a computer system means that you can run full motion video, stereo sound and text at the same time.

20.5 A LAN is a large area network.

20.6 A byte is commonly used as a unit of storage measurement in computers.

### **Section B Long Answer**

Questions 1:- Distinguish between LAN, WAN and MAN on the basis of architecture and geographical area coverage. Also Explain, how does a client test a server using Telnet.

Questions 2:- i) Write HTML Script to create the following Web page.

LIST 1:- 1. Breakfast

2. Lunch

3. Dinner

LIST 2:- \* Cars

\* Trucks

\* Buses

ii) Give HTML commands to achieve the following:

Put the following in bold typeface "I am Bold" Put the following in italic typeface "This is Italic"

Questions 3:-What are the different useful tools available in Design Window to help you with your design work?

Why Report Design View is important?

Questions 4:- What is email? What is a "mail box"? How does an email address look like? What are the protocols used for sending/receiving e-mails?

Questions 5:- Write java script code for date and time display on web site.

Questions 6:- Write short notes of following.

a)Java script

b) Multimedia Application

c) Search engines

d) Browser

e) Viruses

f) frames

g) inline image h) Function

Question 25 Write HTML code to generate the following output:

Weather	DELHI	MUMBAI
	40	35

Question 26 What are HTML physical style tags and Logical style tags?

Question 27 Which HTML tag allows you to scroll text on the Web page?

Question 28 What is the comment tag in HTML?

Question 29 Design an HTML page for the Block Introduction" of this book: the page should allow scrolling and the code should contain a comment header with your name and enrolment number.

Question 30 What difference does it make if we express the width of a table in percentage or in pixel value? And how do we set the width of a particular column or cell in a table?

Question 31 Write HTML code to generate the following output:

1	2	3	4
5	IMAGE		6
7			8
9	10	11	12

Question 32 Create a Web page that should contain a table having seven rows and four columns, along with the attributes - colspan & rowspan.

Question 33 What are the different versions of HTML?

Question 34 List 5 different HTML editors.

Question 35 What is the different image formats?

Question 36 How do you handle the situation when the browser doesn't support frames?

Question 37 What are inline frames?

Question 38 Which tag is used to define frames in HTML?

Question 39 Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows.

Question 40 Write an HTML code to develop a Web page having two frames that divide the Web page into the equal rows and then divide the second row into two equal columns.

Question 41 Write an HTML code to develop a Web page having frames as described in the above question and then fill each frame with a different background colour.

Question 42 What are the tags used to display information for browsers that do not support frames?

Question 43 Write the various attributes of frameset tag and frame tag.

Question 44 Write a code in HTML to design a page with two frames. The frame should remain-proportionate even when page is resized.

Question 45 Write the code to develop a Web page, as shown below, using frames.


Question 46 Write the code to make the background colour of each frame in the above question different.

Question 47 Create a Web page divided into two equal frames.

--	--

Question 48 Create a home page for a TLC in following format:


Question 49 Create a Web page using all the attributes of the frame and other tags.

Question 50 Design a page with a text box called 'name' and a button with label 'Enter' When you click on the button another page should open, with the message "Welcome <name>", where name should be equal to the name entered in the first page.

Question 51 What are values of method attribute of the form tag?

Question 52 Set default value of 'name' text box of question 1 of this session to Victoria. Add another button called reset on click of this button name 'text box' should be set to 100 default value.

Question 53 Design a form using all input types.

Question 54 Create a simple form accepting

Name, Enrolment Number, Add Submit button

Question 55 Design a Web Page, which is like 'compose' page of e-mail.

To	
Copy	
Message	
<div>Send</div>	

Question 56 Which element is used to accept large text inputs from user?

Question 57 Write a code to create a Web page having radio buttons labeled as name of colours. Clicking on each radio button should change the colour of the Web page.

Question 58 What is the purpose of hidden field?

Question 59 Create a form accepting the values:

Name, Address, Mark in 10+2 Graduation & Post Graduation

Question 60 Which element is used to display a drop down list box?

Question 61 Create a Web page, divide that page into two frames. In one frame create two links that will display different HTML forms in the other frame.

Question 62 Write a program to display a multiplication table.

Question 63 Write a code to create a scrolling text in a text box.

Question 64 Write a JavaScript code to create a pull down menu box.

Question 65 Write a program to move a text with mouse pointer.

Question 66 Write a program to change colour of text randomly.

Question 67 Create a Web page using two image files, which switch b/w one another as the mouse pointer moves over the image. Use the On Mouse over and On Mouse out event handler.

Question 68 Write a JavaScript code to accept radius & display the area of the circle.

Question 69 Use the date function get Date & set Date to prompt the user for an integer b/w 1-31 & and return day of the week it represents.

Question 70 Display time and print message accordingly e.g., 'Good Morning' in Morning etc.

Question 71 Using JavaScript create a digital clock.

Question 72 Create an HTML form that has a number of text boxes. The user fills the textboxes with data. Write a script that verifies that all textboxes have been filled. If a text box has been left empty pop up an alert message indicating the box that has been left empty. When OK button is clicked, set focus to that specific textbox. If all the textboxes are filled, display thank you.

Question 73 Create an HTML form that inputs employee details and display the same on the HTML page.

- Question 74 Write a program, which prompts the user to enter a sum of two numbers and display whether the answer is correct or incorrect.
- Question 75 Illustrate how the reset button of form functions.
- Question 76 Create a program to check for null or empty string.
- Question 77 Create a program to generate a hit counter.
- Question 78 Create a program to verify whether email address provided by the user is valid or invalid.
- Question 79 Write a program to scroll the text on status bar.
- Question 80 Write a program to create a small window in main window.
- Question 81 Create a Web page with two forms, one office copy and one customer copy when user enters date in customer copy it gets updated in office copy.
- Question 82 Use JavaScript for authentication and verification of the textboxes in the static site developed by the student in the HTML exercise.



EXAM - -----

**PAPER CODE - OM-4**

**Web technology & Internet**

Time:- 2 Hour

Max Mark's:-70

**Section A Multiple Choices**

Question 1:-For assigning values in to table cell, we use-----

- (a) <td>                      (b) <tr>                      (c) <li>                      (d) <iframe>

Question 2:- Which one of not indicate web browser?

- (a) MS Internet Explorer    (b) Mozilla                      (c) Netscape Navigator    (d) gmail

Question 3:- UL stand for-----

- (a) Underline                      (b) Un order List                      (c) Unique List                      (d) All

Question 4:- Google is a-----

- (a) Search Engine                      (b) URL                      (c) Website                      (d) All

Question 5:- HTML files usually ended with an extension.....-

- (a) .Html                      (b) .bmp                      (c) .doc                      (d) None

**Section B True / False**

Question 6:- <hr> tag is used for animation.

Question 7:- <a> tag is used for hyperlink.

Question 8:- <frame> tag is used for divide browser area in to sub area.

Question 9:- <select> tag is used for assigning multiple objects for selection.

Question 10:- <font> tag is used for define color, size of text.

Question 11:- Write complete name of the following short name-

- (a) SLIP                      (b) ISOC                      (c) IETF                      (d) MIT/LCS  
(e) GPRS                      (f) BSNL                      (g) IP                      (h) WWW

**Section C Long Type Questions**

Question 1:- What is Internet? Describe its working technique. Also explain topology, protocol & network reference model.

Question 2:-

Question 3:-Write short notes of following –

- [a]      Inline Video tag    [b]      Background sound tag                      [c]      List tag  
[d]      DNS                      [e]      TCP/IP                      [f]      Channel

Question 4:- Write a JavaScript code to display series of Fibonacci.

Question 5:- What are different types of

Question 6:- Write HTML code to make Invoice of any Electronic Shop.

- Question 1:-** Commencement date of fiscal year is-  
**(a)** 30<sup>st</sup> March                      **(b)** 30<sup>st</sup> April                      **(c)** 30<sup>st</sup> June                      **(d)** 1<sup>st</sup> April
- Question 2:-** Liquid asset is ---  
**(a)** Intangible Assets      **(b)** Tangible Assets      **(c)** Liability                      **(d)** None
- Question 3:-** Guarantees undertaken is -  
**(a)** Fixed Liability      **(b)** Current Liability      **(c)** Contingent Liability                      **(d)** None
- Question 4:-** Which one of following is not limitation of accounting -  
**(a)** Inexactness      **(b)** Manipulation                      **(c)** P/L A/C                      **(d)** All
- Question 5:-** Trading A/C is.....  
**(a)** A statement      **(b)** an A/c                      **(c)** Floating Capital                      **(d)** None
- Question 6:-** Which one of following are not Characteristics of accounting –  
**(a)** Economic Events      **(b)** Dual Entry                      **(c)** Measurement                      **(d)** Inexactness
- Question 7:-** Appreciation is ..... accounts –  
**(a)** Real A/C                      **(b)** Personal A/C                      **(c)** Nominal A/C                      **(d)** None
- Question 8:-** Loss by Fire A/C is –  
**(a)** Current liabilities      **(b)** Fixed liabilities                      **(c)** Capital                      **(d)** None
- Question 9:-** Loss of theft of goods A/C is –  
**(a)** Current liabilities      **(b)** Fixed liabilities                      **(c)** Capital                      **(d)** None
- Question 10:-** Leasehold Properties is –  
**(a)** Wasting assets      **(b)** Capital                      **(c)** Bad debts                      **(d)** None

#### **Section B Long Type Question**

- Question 1:-** Explain the importance and purpose of final accounts.
- Question 2:-** What do you mean by closing entries? Why are they passed? Explain your answer with illustrations.
- Question 3:-** What do you mean by Gross profit and Net Profit? How are they different from each other?
- Question 4:-** What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.
- Question 5:-** Write short notes of any **three** of given following-  
**(a)** Provisions                      **(b)** Contingent Liability      **(c)** Reserves
- Question 6:-** What are the limitations of financial statements? Discuss briefly.
- Question 7:-** What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.
- Question 8:-** What are different types of financial statements? Explain with Proper format.
- Question 9:-** Write short notes of any **three** of given following-  
**(a)** Provisions                      **(b)** Contingent Liability      **(c)** Reserves  
**(d)** Capital                      **(e)** Contra Entry                      **(f)** Memos Entry

**Question 10:-** Started business George & Sons

2016		
July	1	Shri Kelkar invested in the business Rs. 40,000/- cash, goods worth Rs. 5,000/- and building worth Rs. 20,000/-
July	3	Purchased goods worth Rs. 15,000/- on cash , off 5% C.D.
July	4	Sold goods worth Rs. 5,000/- to K. Kulkarni at 10% T.D.
July	5	Cash Sale Rs. 5,000/- off 5% C.D.
July	7	Received from K. Kulkarni cash Rs. 4,000/- in full settlement of his A/c.
July	8	Open Bank A/c. with Central Bank by depositing Rs. 5,000/-
July	10	Borrowed Rs. 10,000/- from wife and introduced the same into the business
July	15	Exchanged old furniture worth Rs. 6,000/- by receiving goods worth Rs. 4,000/- and cash Rs. 4,000/-
July	17	Paid salaries to clerks Rs. 950/- by cheque and paid house Rent Rs. 500/-
July	19	Drew form business for personal use cash of Rs. 1,000/- and goods worth Rs. 500/-
July	26	Received interest of Rs. 250/- on fixed deposit A/c
July	27	Invoices goods to Ramesh Rs. 12,000/- allowed 5% T.D. on invoice price
July	28	Paid Fire insurance premium at 10% on fire policy of Rs. 20,000/-
July	29	Goods worth Rs. 5,000/- lost by fire and insurance company agreed to settle claim at Rs. 4,000/-
July	30	Bought stationery for office use Rs. 1,000/- and kept stationery of Rs. 200/- for house use.
July	31	Our customer Mr. Sachine Shetty has deposited Rs. 15,000 directly in our bank account as per our instruction

**Time:- 2 :30 Hour**

**Max Mark's:-100**

**Section A Multiple Choices**

- Question 1:-** Commencement date of fiscal year is-  
 (a) 30<sup>st</sup> March                      (b) 30<sup>st</sup> April                      (c) 30<sup>st</sup> June                      (d) 1<sup>st</sup> April
- Question 2:-** Liquid asset is ---  
 (a) Intangible Assets      (b) Tangible Assets      (c) Liability                      (d) None
- Question 3:-** Guarantees undertaken is -  
 (a) Fixed Liability      (b) Current Liability      (c) Contingent Liability                      (d) None
- Question 4:-** Which one of following is not limitation of accounting -  
 (a) Inexactness      (b) Manipulation                      (c) P/L A/C                      (d) All
- Question 5:-** Trading A/C is.....  
 (a) A statement      (b) an A/c                      (c) Floating Capital                      (d) None
- Question 6:-** Which one of following are not Characteristics of accounting –  
 (a) Economic Events      (b) Dual Entry                      (c) Measurement                      (d) Inexactness
- Question 7:-** Appreciation is ..... accounts –  
 (a) Real A/C                      (b) Personal A/C                      (c) Nominal A/C                      (d) None
- Question 8:-** Loss by Fire A/C is –  
 (a) Current liabilities      (b) Fixed liabilities                      (c) Capital                      (d) None
- Question 9:-** Loss of theft of goods A/C is –  
 (a) Current liabilities      (b) Fixed liabilities                      (c) Capital                      (d) None
- Question 10:-** Leasehold Properties is –  
 (a) Wasting assets      (b) Capital                      (c) Bad debts                      (d) None

**Section B True/ False**

- Question 1:-** Assets=Liabilities + Capital.
- Question 2:-** Contingent Liability is also known as Doubtful Liability.
- Question 3:-** Wages is direct expense of organization/company.
- Question 4:-** Financial year commencement date is first April of running year.
- Question 5:-** Purchase Return A/C & Sale Return A/C both entries are ledger adjustment.
- Question 6:-** Trading A/C provide information of Net Profit or Net Loss.
- Question 7:-** P/L A/C provide Gross Profit or Gross Loss.
- Question 8:-** Balance Sheet is a statement of Asset & Capital.
- Question 9:-** Solvent firm is financially unsound.
- Question 10:-** Insolvent firm is financially sound.

### Section C Long Type Question

**Question 1:-** Explain the importance and purpose of final accounts.

**Question 2:-** What do you mean by closing entries? Why are they passed? Explain your answer with illustrations.

**Question 3:-** What do you mean by Gross profit and Net Profit? How are they different from each other?

**Question 4:-** Distinguish between trial balance and balance sheet and also between trading account and profit loss account.

**Question 5:-** What are the limitations of financial statements? Discuss briefly.

**Question 6:-** What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.

**Question 7:-** What are different types of financial statements? Explain with Proper format.

**Question 8:-** Write short notes of any **three** of given following-

**(a) Provisions**

**(b) Contingent Liability**

**(c) Reserves**

**(d) Capital**

### (e) Contra Entry

### (f) Memos Entry

**Question 9:- Started business Manoj & Sons**

2014		
Mar	1	Started business with cash Rs. 50,000/-
Mar	2	Cash Purchases Rs. 10,000/-
Mar	4	Cash Sales Rs. 18,000/-
Mar	5	Deposited into bank Rs. 15,000/-
Mar	7	Purchased goods from Anand Rs. 20,000/-
Mar	8	Sold goods to Vinod Rs. 25,000/-
Mar	10	Returned defective goods to Anand worth Rs. 1,500/-
Mar	12	Paid to Anand Rs. 12,000/- by cheque
Mar	14	Vinod returned defective goods to us worth Rs. 2,000/-
Mar	15	Received cash from Vinod Rs. 12,000/-
Mar	16	Purchased furniture Rs. 10,000/-
Mar	17	Purchased machinery worth Rs. 25,000/- from Varun & Co.
Mar	18	Sold old machinery for Rs. 2,500/-
Mar	20	Issued a cheque to Varun & Co. Rs. 10,000/-
Mar	21	Received interest of Investment Rs. 1,000/-
Mar	22	Received Dividend Rs. 2,000/-
Mar	23	Deposited into bank Rs. 5,000/-
Mar	25	Paid Salary by cheque Rs. 3,000/-
Mar	26	Paid Electricity charges Rs. 1,500/-
Mar	27	Paid Telephone bill by cheque Rs. 3,000/-
Mar	28	Withdrew from Bank Rs. 2,000/-

**Section - A**

**Note:-Short Answer Type Question Explain the about 100 words (attempt any five only)**

- Q1** Name the types of Personal Account.
- Q2** What is the classification of Impersonal Account?
- Q3** Mention three situations, wherein liability of the business towards proprietors decreases.
- Q4** Define the term 'Credit'.
- Q5** Accounting to the modern approach of debiting and crediting accounts are classified in five basic terms. Name these terms.
- Q6** What is rule of debiting and crediting Assets Accounts?
- Q7** Every transaction has two aspects debit and credit. How is it true in case of Nominal Accounts?
- Q8** Write short notes on any two of the following  
(a) Compound entries, (b) Opening entries (c) Trade discount.
- Q9** State to which class of account does each of the following belong?  
(i) Trade mark (ii) Commission received in advance  
(iii) Accrued commission (iv) Commission received.
- Q10.** How will you deal with the following transactions in Accounting Equation?  
(i) Interest on capital (ii) Rent due but not received (iii) Outstanding salaries  
(iv) Amount withdrawn by the proprietor.(v) Sale of goods costing Rs. 3,000 for Rs. 4,000 on credit.  
(vi) Interest on loan borrowed by the firm

**Section - B**

**Note:-Long Answer Type Question Explain in brief any five only.**

- Q1** (a) What do you mean by Accounting concepts? Explain the following concepts.  
(b) Money measurement concept. (c) Accounting period concept.
- Q2** Explain the meaning of 'revenue'. Explain briefly the bases on which the revenue is ascertained.
- Q3** Explain the meaning and significance of the following  
(a) Expenxe/Expenditure (b) Concept of VAT.  
(c) Multi Stock/Inventory (d) Business Transaction
- Q4** What do you mean by Ledger Posting? Explain its importance in Accounting.
- Q5** Explain the procedure for preparing Ledger Accounts through journal entry.
- Q6** How will you prepare Ledger Accounts of items appearing at the credit side of Cash Book?
- Q7** Why is it necessary to prepare Ledger Accounts, when we have got Subsidiary books and Journal?
- Q8** Which accounts can be prepared on the basis of Purchases book and sales book? Explain the process of preparing these accounts.

**Section - C****Question 1:-** Started business Ravi & Sons

2016		
Jan	1	Started business with cash Rs. 25,000/-
Jan	3	Deposited into bank Rs. 5,000/-
Jan	4	Purchased goods for cash Rs. 10,000/-
Jan	5	Sold goods for cash Rs. 15,000/-
Jan	6	Purchased goods from Sharma Rs. 5,000/-
Jan	7	Sold goods to Verma Rs. 8,000/-
Jan	8	Returned defective goods, to Sharma Rs. 500/-
Jan	9	Verma returned defective goods Rs. 1,000/-
Jan	10	Paid cash to Sharma Rs. 4,000/-
Jan	12	Received cash from Verma Rs. 6,000/-
Jan	15	Received interest Rs. 1,500/-
Jan	17	Received commission Rs. 2,000/-
Jan	18	Paid interest Rs. 1,000/-
Jan	20	Paid commission Rs. 1,500/-
Jan	22	Purchased goods from Sohan Rs. 8,000/-
Jan	24	Paid Rs. 3,000/- to Sohan by cheque.
Jan	25	Sold goods for cash Rs. 10,000/-
Jan	28	Deposited into bank Rs. 5,000/-
Jan	29	Paid Salary Rs. 5,000/- by cheque
Jan	30	Withdraw from bank Rs. 3,000/-
Jan	31	Paid rent to Landlord Rs. 2,000/-

**PAPER - OM-5**

**Financial Accounting**

Time:- 2 Hour

Max Mark's:-70

सूचना :- कक्षा में प्रवेश करने पर छात्रों को परीक्षा शुरू करने से पहले यह सुनिश्चित करना होगा कि वे परीक्षा के लिए आवश्यक सभी सामग्री (क्याला, पेन, रूलर, कलम, गणित, आदि) के साथ परीक्षा के लिए परीक्षा केंद्र में उपस्थित हों।

**Section A Multiple Choices**

**Question 1:-** Commencement date of Financial year is-

- (a) 31<sup>st</sup> March                      (b) 31<sup>st</sup> April                      (c) 31<sup>st</sup> May                      (d) None

**Question 2:-** Trade Marks is -

- (a) Capital                      (b) Tangible Assets                      (c) Fictitious assets                      (d) None

**Question 3:-** Guarantees undertaken is -

- (a) Fixed Liability                      (b) Current Liability                      (c) Contingent Liability                      (d) None

**Question 4:-** Which one of following is limitation of accounting -

- (a) Inexactness                      (b) Manipulation                      (c) Incomplete information                      (d) All

**Question 5:-** P/L a/c is.....

- (a) A statement                      (b) an A/c                      (c) Floating Capital                      (d) None

**Question 6:-** Which one of following is not Characteristics of accounting –

- (a) Economic Events                      (b) Organization                      (c) Measurement                      (d) None

**Question 7:-** Trade discount is ..... accounts –

- (a) Real A/C                      (b) Personal A/C                      (c) Nominal A/C                      (d) None

**Question 8:-** Drawing is –

- (a) Current liabilities                      (b) Fixed liabilities                      (c) Capital                      (d) None

**Question 9:-** Furniture a/c is –

- (a) Current liabilities                      (b) Fixed liabilities                      (c) Capital                      (d) None

**Question 10:-** Leasehold Properties is –

- (a) Wasting assets                      (b) Capital                      (c) Bad debts                      (d) None

**Section B True/ False**

**Question 1:-** Loss by theft of goods a/c is payment posting.

**Question 2:-** Loss by fire of goods is journal posting.

**Question 3:-** Wages a/c is personal a/c.

**Question 4:-** BCCI A/c is personal A/c.

**Question 5:-** Guarantee assets undertaken is contingent liability.

**Section C Long Type Question -**

**Question 1:-** What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.

**Question 2:-** What is balance sheet? Explain its role for business.

**Question 3:-** Write short notes of any **three** of given following-

- (a) Provisions                      (b) Reserves                      (c) Discount  
(d) Opening Entry                      (e) Ledger                      (f) Capital

**Question 4:-** Started business Ravi & Sons-

- Jan 1                      Started business with cash Rs.40,000/-. Goods worth Rs.15,000/-, Furniture worth Rs.5,000/- & Building worth Rs.10,000/-.
- Jan 3                      Deposited into bank Rs.5,000/-.
- Jan 5                      Purchased Goods from Anita worth Rs.5,000/- less 5%TD.
- Jan 7                      Cash purchases Rs.8,000/-.



Jan 10	Sold goods worth Rs.8,000/- to Sunita at 3% TD.
Jan 12	Cash sales Rs.12,000/-.
Jan 15	Purchased machinery worth Rs.25,000/- from Godrej & Co. on credit.
Jan 18	Purchased goods worth Rs.7,500/- from Prasad at 5%TD.
Jan 19	Purchase furniture worth Rs.5,000/-.
Jan 25	Distributed goods worth Rs.1,000/- as free samples.
Jan 28	Paid Rs.2,000/- by cash & 2,000/- by cheque to Anita.
Jan 29	Uninsured goods worth Rs.3,000/- lost by fire.
Jan 30	Received Rs.6,750/- from Sunita & allowed a discount of Rs.250/-
Jan 31	Paid Rent Rs.1,500/- & Telephone charges Rs.2,500/- by cheque.
Jan 31	Paid Salary Rs.2,000/-, Wages Rs.1,000/- & Electricity charges Rs.500/- by cash.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2015**

**PAPER CODE - OM-05/CFA-05/ADCA-05/DIT-05**

**Financial Accounting And Tally**

**Time: - 3 Hours**

**Max Mark's:-100**

**Section A**

- Question 1** All expenses and losses always having..?  
a. Credit balance                      b. Debit balance c. Exact difference balance d. Balance entered in voucher
- Question 2:-** Tracking number is used in \_\_\_\_\_ transaction  
a. Bank                                      b. Cash                                      c. All                                      d. Stock items
- Question 3:-** \_\_\_\_\_ is the function key for changing date  
a. F1    b. F2    c. F3    d. F4
- Question 4:-** Trial Balance contains \_\_\_\_\_ balance of all accounts  
a. Opening                                      b. Closing                                      c. Only credit                                      d. None
- Question 5:-** Rates & Taxes comes under \_\_\_\_\_ Groups  
a. Duties & Taxes                                      b. Income                                      c. Expenditure                                      d. None
- Question 6:-** Which of the following is not a account type  
a. Personal Accounts                                      b. Real Accounts c. Occasional account                                      d. Nominal account
- Question 7:-** \_\_\_\_\_ is beginning date of financial year  
a. 1st January                                      b. 1st February                                      c. 1st March                                      d. 1st April
- Question 8:-** Manufacturing expenses comes under \_\_\_\_\_ Group  
a. Expenses (Indirect)                                      b. Miss Expenses                                      c. Direct Expenses                                      d. none
- Question 9:-** Which financial statement can be made from Trial balance  
a. Ledger    b. Purchases                                      c. Sales    d. Balance sheet
- Question 10:-** \_\_\_\_\_ is a Reserved group which goes to liabilities  
a. Capital A/C    b. Fixed Asset                                      c. Investment                                      d. Sundry debtors

**Section B Long Answer**

Questions 1:- What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.

Questions 2:- Explain what is Tally and where it can be used? Also describe different types of transactions

Questions 3:- Describe following in brief:-

- a) Differentiate between Gross Profit and Net Profit.

- b) Explain the meaning and process of accounting.
- c) What are the different options in Gateway of Tally
- d) Differentiate in one sentence between expenses and expenditure.

Question 4:- Explain the function keys in Key as well as explain the Advantages of Financial Statement.

Question 5:- Write short notes of any **four** of given following-

- (a) Dual Aspect concepts      (b) Trial Balance      (c) VAT
- (d) Liability      (e) Inventory      (f) Trading a/c

Questions 6:- Prepare a Cash Book with discount column of Shri Shyam from the following transaction.  
Enter the following in Shri Shyam's Cash Book and show the Balance: 2014

March 1	Balance of cash in Hand Rs. 25,000
March 3	Rent paid Rs. 2,000
March 5	Purchased goods for cash Rs. 10,000
March 10	Stationery purchased Rs. 2,500
March 12	Sold Goods for Cash for Rs. 8,000
March 15	Cash received from Ram Rs. 980 and discount allowed Rs.20
March 18	Cash paid to Shyam Rs.950 and discount Received Rs.50
March 25	Wages Paid Rs. 2,000

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2016**

**PAPER CODE -**

**OM-05/CFA-05/ADCA-05/DIT-05**

**Financial Accounting And Tally**

**Time: - 3 Hours**

**Max Mark's:-100**

**Section A**

**Question 1:-** Commencement date of fiscal year is-

- (a) 30<sup>st</sup> March      (b) 30<sup>st</sup> April      (c) 30<sup>st</sup> June      (d) 1<sup>st</sup> April

**Question 2:-** Liquid asset is ---

- (a) Intangible Assets      (b) Tangible Assets      (c) Liability      (d) None

**Question 3:-** Guarantees undertaken is -

- (a) Fixed Liability      (b) Current Liability      (c) Contingent Liability      (d) None

**Question 4:-** Which one of following is not limitation of accounting -

- (a) Inexactness      (b) Manipulation      (c) P/L A/C      (d) All

**Question 5:-** Trading A/C is.....

- (a) A statement      (b) an A/c      (c) Floating Capital      (d) None

**Question 6:-** Which one of following are not Characteristics of accounting –

- (a) Economic Events      (b) Dual Entry      (c) Measurement      (d) Inexactness

**Question 7:-** \_\_\_\_\_ is beginning date of financial year

- a. 1st January      b. 1st February      c. 1st March      d. 1st April

**Question 8:-** Manufacturing expenses comes under \_\_\_\_\_ Group

- a. Expenses (Indirect)      b. Miss Expenses      c. Direct Expenses      d. none

**Question 9:-** Loss by Fire A/C is –

- (a) Current liabilities      (b) Fixed liabilities      (c) Capital      (d) None

**Question 10:-** Leasehold Properties is –

- (a) Wasting assets      (b) Capital      (c) Bad debts      (d) None

**Section B True/ False**

- Question 1:-** Assets=Liabilities + Capital.
- Question 2:-** Contingent Liability is also known as Doubtful Liability.
- Question 3:-** Wages is direct expense of organization/company.
- Question 4:-** Financial year commencement date is first April of running year.
- Question 5:-** Purchase Return A/C & Sale Return A/C both entries are ledger adjustment.
- Question 6:-** Trading A/C provide information of Net Profit or Net Loss.
- Question 7:-** P/L A/C provide Gross Profit or Gross Loss.
- Question 8:-** Balance Sheet is a statement of Asset & Capital.
- Question 9:-** Solvent firm is financially unsound.
- Question 10:-** Insolvent firm is financially sound.

### **Section C Long Type Question**

- Question 1:-** What do you mean by final accounts? What are its constituents? Name them and briefly explain the purpose of each of them.
- Question 2:-** What do you mean by closing entries? Why are they passed? Explain your answer with illustrations.
- Question 3:-** Explain the term : (a) Net Purchase, (b) Net Sales (c) Net Assets.
- Question 4:-** Explain the following statements :  
 (a) Balance sheet is not an account but it is the list of assets and liabilities.  
 (b) Balance sheet and profit and loss account are inter-dependent.
- Question 5:-** Explain the function keys in Key as well as explain the Advantages of Financial Statement.
- Question 6:-** Mention the account and side where the following items will be treated.  
 (a) Carriage, (b) Carriage on Sales, (c) Wages and Salaries,  
 (d) Investments, (e) Salaries and Wages, (f) Carriage on Purchase,

Questions 7:-Started business Dinesh & Sons.

2016		
Jan	1	Started business with cash Rs. 25,000/-
Jan	5	Purchased goods from Anil Rs. 3,000/-
Jan	8	Sold goods to Sunil Rs. 5,000/-
Jan	10	Purchased goods for cash Rs. 4,000/-
Jan	12	Sold goods for Rs. 8,000/-
Jan	15	Purchased goods from Anil Rs. 5,000/-
Jan	18	Paid cash to Anil Rs. 6,000/-
Jan	22	Received cash from Sunil Rs. 5,000/-
Jan	25	Sold goods to Sunil Rs. 10,000/-
Jan	28	Received cash from Sunil Rs. 7,000/-
Jan	31	Paid salary Rs. 2,000/-

Financial Accounting And Tally

Time: - 2:30Hours

Max Mark's:-100

Section A

- Question 1** All expenses and losses always having..?  
a. Credit balance                      b. Debit balance      c. Exact difference balance                      d. None
- Question 2:-** Tracking number is used in \_\_\_\_\_ transaction  
a. Bank                                      b. Cash                                      c. All                                      d. Stock items
- Question 3:-** \_\_\_\_\_ is the function key for changing date  
a. F1                                      b. F2                                      c. F3                                      d. F4
- Question 4:-** Trial Balance contains \_\_\_\_\_ balance of all accounts  
a. Opening                                      b. Closing                                      c. Only credit                                      d. None
- Question 5:-** Rates & Taxes comes under \_\_\_\_\_ Groups  
a. Duties & Taxes                                      b. Income                                      c. Expenditure                                      d. None
- Question 6:-** Which of the following is not a account type  
a. Personal Accounts                                      b. Real Accounts      c. Occasional account                                      d. Nominal account
- Question 7:-** \_\_\_\_\_ is beginning date of financial year  
a. 1st January                                      b. 1st February                                      c. 1st March                                      d. 1st April
- Question 8:-** Manufacturing expenses comes under \_\_\_\_\_ Group  
a. Expenses (Indirect)                                      b. Miss Expenses                                      c. Direct Expenses                                      d. none
- Question 9:-** Which financial statement can be made from Trial balance  
a. Ledger                                      b. Purchases                                      c. Sales                                      d. Balance sheet
- Question 10:-** \_\_\_\_\_ is a Reserved group which goes to liabilities  
a. Capital A/C                                      b. Fixed Asset                                      c. Investment                                      d. Sundry debtors

Section B Long Answer

- Questions 1:- What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.
- Questions 2:- Explain what is Tally and where it can be used? Also describe different types of transactions
- Questions 3:- Describe following in brief:-  
a) What is accounting? Explain its objectives  
b) Define accounting and explain its limitations.  
c) What are the different options in Gateway of Tally  
d) Explain whether accounting is science or art or both.  
e) What is the importance of accounting in business activities?
- Question 4:- Explain the function keys in Key as well as explain the Advantages of Financial Statement.
- Question 5:- Write short notes of any **four** of given following-  
(a) Dual Aspect concepts                      (b) Expence/Expenditure                      (c) Cash discount/Trading Discount  
(d) Liability/Responsibility                      (e) Solvent/Insolvent                      (f) Bad debt/Loss

Questions 6:- **Question 3:-** Started business Ravi & Sons

2017		
Jan	1	Started business with cash Rs. 25,000/-
Jan	3	Deposited into bank Rs. 5,000/-
Jan	4	Purchased goods for cash Rs. 10,000/-
Jan	5	Sold goods for cash Rs. 15,000/-
Jan	6	Purchased goods from Sharma Rs. 5,000/-
Jan	7	Sold goods to Verma Rs. 8,000/-
Jan	8	Returned defective goods, to Sharma Rs. 500/-
Jan	9	Verma returned defective goods Rs. 1,000/-
Jan	10	Paid cash to Sharma Rs. 4,000/-
Jan	12	Received cash from Verma Rs. 6,000/-
Jan	15	Received interest Rs. 1,500/-
Jan	17	Received commission Rs. 2,000/-
Jan	18	Paid interest Rs. 1,000/-
Jan	20	Paid commission Rs. 1,500/-
Jan	22	Purchased goods from Sohan Rs. 8,000/-
Jan	24	Paid Rs. 3,000/- to Sohan by cheque.
Jan	25	Sold goods for cash Rs. 10,000/-
Jan	28	Deposited into bank Rs. 5,000/-
Jan	29	Paid Salary Rs. 5,000/- by cheque
Jan	30	Withdraw from bank Rs. 3,000/-
Jan	31	Paid rent to Landlord Rs. 2,000/-

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

Test/Exam - Oct-2017

PAPER CODE - OM-05/CFA-05/ADCA-05/DIT-05

Financial Accounting And Tally

Time: - 2:30Hours

Max Mark's:-100

Section A

**Short Answer Type Question:-**

- Q1** Mention two points of difference between Trial Balance and Balance Sheet.
- Q2** Differentiate between Gross Profit and Net Profit.
- Q3** Name 4 direct and 6 indirect expenses.
- Q4** What is the utility of Balance Sheet.
- Q5** Point out any three points of difference between Profit and Loss Account and Balance Sheet.
- Q6** Mention the two formulas (expect the preparation of trading Account) for the calculation of Gross Profit.
- Q7** Explain briefly the object of Trading Account.
- Q8** Describe briefly three objects of preparing Profit and Loss A/c.
- Q9** What is difference between Trade Discount and Cash Discount.
- Q10** Explain briefly the two characteristics of position statement.

Section B Long Answer

- Q 1:-** What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.
- Q 2:-** Explain what is Tally and where it can be used? Also describe different types of transactions

**Q 3:-** Describe following in brief:-

- a) What is accounting? Explain its objectives
- b) Define accounting and explain its limitations.
- c) What are the different options in Gateway of Tally
- d) Explain whether accounting is science or art or both.
- e) What is the importance of accounting in business activities?

**Q 4:-** Explain the function keys in Key as well as explain the Advantages of Financial Statement.

**Q 5:-** Mention the account and side where the following items will be treated.

- |                            |                         |         |
|----------------------------|-------------------------|---------|
| (a) CST                    | (b) Carriage on Sales,  | (c) GST |
| (d) Discount on Creditors. | (e) Salaries and Wages, | (f) VAT |

**Q 6:-** Started business Ramvilash & Sons.

2017		
Apri	1	Started business with cash Rs. 25,000/-
Apri	2	Deposited cash into Bank Rs. 2,000/-
Apri	3	Cash purchase Rs. 5,000/-
Apri	4	Purchased goods worth Rs. 6,000/-
Apri	5	Sold goods worth Rs. 9,000/- to Sunil
Apri	6	Sunil returned goods worth Rs. 500/-
Apri	7	Goods worth Rs. 250/- returned to Anil
Apri	8	Paid to Anil Rs. 5,000/-
Apri	9	Received Rs. 3,000/- from Sunil.
Apri	10	Withdrawn cash Rs. 500/- for personal use.
Apri	11	Deposited cash Rs. 2,000/- into Bank
Apri	12	Cash Sales Rs. 10,000/-

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - JUNE-2017**

**PAPER CODE -**

**OM-05/CFA-05/ADCA-05/DIT-05**

**Financial Accounting And Tally**

**Time: - 2:30 Hours**

**Max Mark's:-100**

**Section A**

**Q1:-** Commencement date of fiscal year is-

- |                            |                            |                           |                           |
|----------------------------|----------------------------|---------------------------|---------------------------|
| (a) 30 <sup>st</sup> March | (b) 30 <sup>st</sup> April | (c) 30 <sup>st</sup> June | (d) 1 <sup>st</sup> April |
|----------------------------|----------------------------|---------------------------|---------------------------|

**Q2:-** Liquid asset is ---

- |                       |                     |               |          |
|-----------------------|---------------------|---------------|----------|
| (a) Intangible Assets | (b) Tangible Assets | (c) Liability | (d) None |
|-----------------------|---------------------|---------------|----------|

**Q3:-** Guarantees undertaken is -

- |                     |                       |                          |          |
|---------------------|-----------------------|--------------------------|----------|
| (a) Fixed Liability | (b) Current Liability | (c) Contingent Liability | (d) None |
|---------------------|-----------------------|--------------------------|----------|

**Q4:-** Which one of following is not limitation of accounting -

- |                 |                  |             |         |
|-----------------|------------------|-------------|---------|
| (a) Inexactness | (b) Manipulation | (c) P/L A/C | (d) All |
|-----------------|------------------|-------------|---------|

**Q5:-** Balance Sheet is.....

- |                 |            |                      |          |
|-----------------|------------|----------------------|----------|
| (a) A statement | (b) an A/c | (c) Floating Capital | (d) None |
|-----------------|------------|----------------------|----------|

**Section B True/ False**

**Q1:-** Loss by fire of goods a/c is payment posting.

**Q2:-** Loss by fire of goods is journal posting.

- Q3:-** salary a/c is personal a/c.  
**Q4:-** JIO PVT LTD A/c is personal A/c.  
**Q5:-** Drawing a/c is Personal a/c.

### Section C Long Type Question

- Q1.** What do you mean by final accounts? What are its constituents? Name them and briefly explain the purpose of each of them.
- Q2.** "Is trial balance a conclusive proof of the accuracy of the books of accounts"? Give example in support your answer.
- Q3.** What do you mean by book-keeping? In What respects book-keeping is different from accounting?
- Q4.** What do you mean by closing entries? Why are they passed? Explain your answer with illustrations.
- Q5.** Explain (a) Current Assets, (b) Current Liabilities, (c) Working Capital.
- Q6.** Explain the following statements:  
 (a) Balance sheet is not an account but it is the list of assets and liabilities.  
 (b) Balance sheet and profit and loss account are inter-dependent.
- Q7.** What do you mean by Financial Accounting? Explain the main four limitations of Financial Accounting.
- Q8.** Point out to which type of account, the following accounts belong:  
 (a) Appreciation                      (b) Income tax                      (c) Bad debt                      (d) Depreciations  
 (e) Reserve                      (f) CST                      (g) GST                      (h) VAT
- Q9.** Started business Rahul & Sons.

2017		
Apr	1	Started Business with cash Rs. 25,000/- & Goods Rs. 15,000/-
Apr	2	Cash purchase Rs. 5,000/-
Apr	5	Cash sales Rs. 8,000/-
Apr	8	Purchased goods from Mona Rs. 4,000/-
Apr	10	Sold goods to Sona Rs. 6,000/-
Apr	12	Sona returned goods worth Rs. 200/-
Apr	14	Returned defective goods to Mona Rs. 500/-
Apr	18	Paid cash to Mona Rs. 2,000/-
Apr	20	Deposited into the bank Rs. 5,000/-
Apr	22	Received cash from Sona Rs. 4,000/-
Apr	23	Paid rent by Cheque Rs. 1,000/-
Apr	24	Issued a Cheque to Mona Rs. 500/-
Apr	25	Cash withdrawn from bank Rs. 1,000/-
Apr	27	Received cash from Sona Rs. 1,000/-
Apr	30	Paid salary Rs. 2,000/- Electricity Charges Rs. 500/- & Telephone charges Rs. 1,500/-

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2015**

**PAPER CODE - OM-05/CFA-05/ADCA-05/DIT-05**

**Financial Accounting And Tally**

**Time: - 3 Hours**

**Max Mark's:-100**

### **Section A**

**Question 1** All expenses and losses always having..?

in voucher  
a. Credit balance                      b. Debit balance c. Exact difference balance d. Balance entered

**Question 2:-** Tracking number is used in \_\_\_\_\_ transaction

a. Bank                      b. Cash                      c. All                      d. Stock items

**Question 3:-** \_\_\_\_\_ is the function key for changing date

a. F1                      b. F2                      c. F3                      d. F4

**Question 4:-** Trial Balance contains \_\_\_\_\_ balance of all accounts

a. Opening                      b. Closing                      c. Only credit                      d. None

**Question 5:-** Rates & Taxes comes under \_\_\_\_\_ Groups

c. Duties & Taxes                      b. Income                      c. Expenditure                      d. None

**Question 6:-** Which of the following is not a account type

a. Personal Accounts                      b. Real Accounts c. Occasional account                      d. Nominal account

**Question 7:-** \_\_\_\_\_ is beginning date of financial year

a. 1st January                      b. 1st February                      c. 1st March                      d. 1st April

**Question 8:-** Manufacturing expenses comes under \_\_\_\_\_ Group

c. Expenses (Indirect)                      b. Miss Expenses                      c. Direct Expenses                      d. none

**Question 9:-** Which financial statement can be made from Trial balance

c. Ledger                      b. Purchases                      c. Sales                      d. Balance sheet

**Question 10:-** \_\_\_\_\_ is a Reserved group which goes to liabilities

c. Capital A/C                      b. Fixed Asset                      c. Investment                      d. Sundry debtors

### **Section B Long Answer**

Questions 1:- What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.

Questions 2:- Explain what is Tally and where it can be used? Also describe different types of transactions

Questions 3:- Describe following in brief:-

- a) Differentiate between Gross Profit and Net Profit.
- b) Explain the meaning and process of accounting.
- c) What are the different options in Gateway of Tally
- d) Differentiate in one sentence between expenses and expenditure.

Question 4:- Explain the function keys in Key as well as explain the Advantages of Financial Statement.

Question 5:- Write short notes of any **four** of given following-

- (a) Dual Aspect concepts                      (b) Trial Balance                      (c) VAT
- (d) Liability                      (e) Inventory                      (f) Trading a/c

Questions 6:- Prepare a Cash Book with discount column of Shri Shyam from the following transaction.

Enter the following in Shri Shyam's Cash Book and show the Balance: 2014

March 1	Balance of cash in Hand Rs. 25,000
March 3	Rent paid Rs. 2,000
March 5	Purchased goods for cash Rs. 10,000
March 10	Stationery purchased Rs. 2,500
March 12	Sold Goods for Cash for Rs. 8,000
March 15	Cash received from Ram Rs. 980 and discount allowed Rs.20
March 18	Cash paid to Shyam Rs.950 and discount Received Rs.50
March 25	Wages Paid Rs. 2,000



Financial Accounting And Tally

Time: - 2:30Hours

Max Mark's:-100

Section A

- Question 1** All expenses and losses always having..?  
a. Credit balance                      b. Debit balance      c. Exact difference balance                      d. None
- Question 2:-** Tracking number is used in \_\_\_\_\_ transaction  
a. Bank                                      b. Cash                                      c. All                                      d. Stock items
- Question 3:-** \_\_\_\_\_ is the function key for changing date  
a. F1                                      b. F2                                      c. F3                                      d. F4
- Question 4:-** Trial Balance contains \_\_\_\_\_ balance of all accounts  
a. Opening                                      b. Closing                                      c. Only credit                                      d. None
- Question 5:-** Rates & Taxes comes under \_\_\_\_\_ Groups  
d. Duties & Taxes                      b. Income                                      c. Expenditure                                      d. None
- Question 6:-** Which of the following is not a account type  
a. Personal Accounts                      b. Real Accounts      c. Occasional account                      d. Nominal account
- Question 7:-** \_\_\_\_\_ is beginning date of financial year  
a. 1st January                                      b. 1st February                                      c. 1st March                                      d. 1st April
- Question 8:-** Manufacturing expenses comes under \_\_\_\_\_ Group  
d. Expenses (Indirect)                      b. Miss Expenses                                      c. Direct Expenses                                      d. none
- Question 9:-** Which financial statement can be made from Trial balance  
d. Ledger                                      b. Purchases                                      c. Sales                                      d. Balance sheet
- Question 10:-** \_\_\_\_\_ is a Reserved group which goes to liabilities  
d. Capital A/C                                      b. Fixed Asset                                      c. Investment                                      d. Sundry debtors

Section B Long Answer

- Questions 1:- What is meant by Accounting Standards? Discuss the need and utility of Accounting Standards.
- Questions 2:- Explain what is Tally and where it can be used? Also describe different types of transactions
- Questions 3:- Describe following in brief:-  
a) What is accounting? Explain its objectives  
b) Define accounting and explain its limitations.  
c) What are the different options in Gateway of Tally  
d) Explain whether accounting is science or art or both.  
e) What is the importance of accounting in business activities?
- Question 4:- Explain the function keys in Key as well as explain the Advantages of Financial Statement.
- Question 5:- Write short notes of any **four** of given following-  
(a) Dual Aspect concepts                      (b) Expence/Expenditure                      (c) Cash discount/Trading Discount  
(d) Liability/Responsibility                      (e) Solvent/Insolvent                      (f) Bad debt/Loss

Questions 6:- **Question 3:-** Started business Ravi & Sons

2017		
Jan	1	Started business with cash Rs. 25,000/-
Jan	3	Deposited into bank Rs. 5,000/-
Jan	4	Purchased goods for cash Rs. 10,000/-
Jan	5	Sold goods for cash Rs. 15,000/-
Jan	6	Purchased goods from Sharma Rs. 5,000/-
Jan	7	Sold goods to Verma Rs. 8,000/-
Jan	8	Returned defective goods, to Sharma Rs. 500/-
Jan	9	Verma returned defective goods Rs. 1,000/-
Jan	10	Paid cash to Sharma Rs. 4,000/-
Jan	12	Received cash from Verma Rs. 6,000/-
Jan	15	Received interest Rs. 1,500/-
Jan	17	Received commission Rs. 2,000/-
Jan	18	Paid interest Rs. 1,000/-
Jan	20	Paid commission Rs. 1,500/-
Jan	22	Purchased goods from Sohan Rs. 8,000/-
Jan	24	Paid Rs. 3,000/- to Sohan by cheque.
Jan	25	Sold goods for cash Rs. 10,000/-
Jan	28	Deposited into bank Rs. 5,000/-
Jan	29	Paid Salary Rs. 5,000/- by cheque
Jan	30	Withdraw from bank Rs. 3,000/-
Jan	31	Paid rent to Landlord Rs. 2,000/-

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.**

**EXAM - DEC-2017**

**PAPER CODE -**

**OM-05/CFA-05/ADCA-05/DIT-05**

**Financial Accounting And Tally**

**Time: - 2:30 Hours**

**Max Mark's:-100**

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**Section A Based on MCQ**

- Tally is developed by  
 (a) EDP (b) TCS (c) Peutronics (d) None
- Tally package is developed by  
 (a) Microsoft (b) Apple Software (c) Adobe Software (d) Tally Solutions
- \_\_\_\_\_ key is used to print a report  
 (a) Alt + F4 (b) Alt + F3 (c) Alt + P (d) None
- In order to delete a voucher, press  
 (a) Alt + D (b) Alt + F4 (c) Alt + F3 (d) None
- Debit Note is used for  
 (a) Sales Return (b) Purchase Return (c) Purchase (d) None
- In Tally, what is the shortcut key to change the date of a transaction?  
 (a) F3 (b) Alt+M (c) F2 (d) Ctrl+F

7. To select configuration screen we should press  
 (a) F11 (b) F12 (c) F2 (d) F3
8. Alt+D is used to  
 (a) Create any voucher (b) Delete any voucher (c) Copy any value (d) None
9. The executable file of Tally is  
 (a) Tally.Exe\* (b) WinTally.Exe (c) Tally.ini (d) Tally.Sav
10. Tally has been developed using  
 (a) C (b) Visual Basic (c) C++ (d) None

#### Section B True/ False Question

1. Stock category and stock group are same.
2. It is possible to use cash/bank in journal mode.
3. Allocation against bill are done automatically.
4. Allocation against bill are done automatically.
5. There is no "Help" option in Tally 7.2

#### Section C Long Type Question

1. Explain what is Tally and where it can be used?
  2. Mention what is the difference between Tally ERP 9 and Tally 7.2?
  3. What are the features integrated in Tally ERP 9?
  4. Mention the types of vouchers? Also give the shortcut for creating these vouchers?
  5. Identify in the Ledger the account in which transactions are to be recorded.
  6. What is the main objective of preparing a Trial Balance?
- 
7. Classify the following under the three types of accounts ( Real, Nominal or Personal):  
 (a) Drawings (b) Cash (c) Capital  
 (d) Machinery (e) Bank (f) Depreciation
  8. Point out to which type of account, the following accounts belong:  
 (a) Capital A/c (b) Wages (c) Drawings (d) Debtors A/c  
 (e) Creditors A/c (f) CST (g) GST (h) VAT
  9. Point out to which type of account, the following accounts belong:  
 (a) Current asset (b) Direct expenses (c) Indirect expense (d) Depreciation  
 (e) Sundry debtors (f) Sundry creditors (g) Books & Registers (h) Day Book

10. Started business Mk Maurya & Associates.

2017		
Dec	1	Started Business with cash Rs. 35,000/- & Goods Rs. 25,000/-
Dec	2	Cash purchase Rs. 12,000/-
Dec	5	Cash sales Rs. 10,000/-
Dec	8	Purchased goods from Mona Rs. 6,000/-
Dec	10	Sold goods to Sona Rs. 9,000/-
Dec	12	Sona returned goods worth Rs. 400/-
Dec	14	Returned defective goods to Mona Rs. 600/-
Dec	18	Paid cash to Mona Rs. 3,000/-
Dec	20	Deposited into the bank Rs. 4,000/-
Dec	22	Received cash from Sona Rs. 5,000/-
Dec	23	Paid rent by Cheque Rs. 2,000/-
Dec	24	Issued a Cheque to Mona Rs. 700/-
Dec	25	Cash withdrawn from bank Rs. 2,000/-
Dec	27	Received cash from Sona Rs. 2,000/-
Dec	30	Paid salary Rs. 3,000/- Electricity Charges Rs. 600/- & Telephone charges Rs. 2,500/-

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT, CHITAIPUR, VARANASI.

EXAM - JUNE-2017

PAPER CODE -

OM-05/CFA-05/ADCA-05/DIT-05

Financial Accounting And Tally

Time: - 2:30 Hours

Max Mark's:-100

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Section A

Q1:- Commencement date of fiscal year is-

- (a) 30<sup>st</sup> March (b) 30<sup>st</sup> April (c) 30<sup>st</sup> June (d) 1<sup>st</sup> April

Q2:- Liquid asset is ---

- (a) Intangible Assets (b) Tangible Assets (c) Liability (d) None

Q3:- Guarantees undertaken is -

- (a) Fixed Liability (b) Current Liability (c) Contingent Liability (d) None

Q4:- Which one of following is not limitation of accounting -

- (a) Inexactness (b) Manipulation (c) P/L A/C (d) All

Q5:- Balance Sheet is.....

- (a) A statement (b) an A/c (c) Floating Capital (d) None

Section B True/ False

Q1:- Loss by fire of goods a/c is payment posting.

Q2:- Loss by fire of goods is journal posting.

Q3:- salary a/c is personal a/c.

Q4:- JIO PVT LTD A/c is personal A/c.

Q5:- Drawing a/c is Personal a/c.

Section C Long Type Question

- Q1.** What do you mean by final accounts? What are its constituents? Name them and briefly explain the purpose of each of them.
- Q2.** "Is trial balance a conclusive proof of the accuracy of the books of accounts"? Give example in support your answer.
- Q3.** What do you mean by book-keeping? In What respects book-keeping is different from accounting?
- Q4.** What do you mean by closing entries? Why are they passed? Explain your answer with illustrations.
- Q5.** Explain (a) Current Assets, (b) Current Liabilities, (c) Working Capital.
- Q6.** Explain the following statements:
- (a) Balance sheet is not an account but it is the list of assets and liabilities.
- (b) Balance sheet and profit and loss account are inter-dependent.
- Q7.** What do you mean by Financial Accounting? Explain the main four limitations of Financial Accounting.
- Q8.** Point out to which type of account, the following accounts belong:
- (a) Appreciation                      (b) Income tax                      (c) Bad debt                      (d) Depreciations
- (e) Reserve                      (f) CST                      (g) GST                      (h) VAT
- Q9.** Started business Rahul & Sons.

2017		
Apr	1	Started Business with cash Rs. 25,000/- & Goods Rs. 15,000/-
Apr	2	Cash purchase Rs. 5,000/-
Apr	5	Cash sales Rs. 8,000/-
Apr	8	Purchased goods from Mona Rs. 4,000/-
Apr	10	Sold goods to Sona Rs. 6,000/-
Apr	12	Sona returned goods worth Rs. 200/-
Apr	14	Returned defective goods to Mona Rs. 500/-
Apr	18	Paid cash to Mona Rs. 2,000/-
Apr	20	Deposited into the bank Rs. 5,000/-
Apr	22	Received cash from Sona Rs. 4,000/-
Apr	23	Paid rent by Cheque Rs. 1,000/-
Apr	24	Issued a Cheque to Mona Rs. 500/-
Apr	25	Cash withdrawn from bank Rs. 1,000/-
Apr	27	Received cash from Sona Rs. 1,000/-
Apr	30	Paid salary Rs. 2,000/- Electricity Charges Rs. 500/- & Telephone charges Rs. 1,500/-

EXAM JUNE-2018

PAPER's Code- ADCA-06/DIT-06

Time:- 02 :00 Hours

Max Mark's:-100

## Introduction of 'C' Programming Section A(MCQ)

1. A compiler will
 

(a) find syntax errors	(b) fix syntax errors
(b) find logic errors	(c) All of the above
  
2. An algorithm should be written
 

(a) in Java	(b) in machine language
(c) Without syntax errors	(d) in a natural language such as English
  
3. The equality operator is represented by
 

A] :=	B] .EQ.	C] =	D] ==
-------	---------	------	-------
  
4. Which among the following is a unconditional control structure
 

A] do-while	B] if-else	C] goto	D] for
-------------	------------	---------	--------
  
5. In the C language 'a' represents
 

A] a digit	B] an integer	C] a character	D] a word
------------	---------------	----------------	-----------

## Section B (True / False )

1. By a compiler we mean a program that translates to code that will run natively on some machine.
2. The function space type operator is right associative.
3. An interpreter never translates to intermediate code.
4. An interpreted program always executes slower than a compiled program.
5. Computer science is the study of computers.

## Section C (Long Questions)

**Note: - Attempt any Six questions**

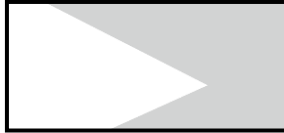
1. Discuss about file organizations with the help of suitable example.
2. What are different types of data types and operators? Explain with suitable example.
3. Describe about various category of sorting technique with program
4. What are different types of control structure in 'C' language?
5. Differentiate between switch case and else if statement. Give suitable example.
6. Differentiate between while loop and do-while-loop statement. Give suitable example.
7. Write 'C' program of following (**Any Two**).
 

(a) Fibonacci series.	(b) Prime Numbers.	(c) Armstrong Numbers.
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8. What is pointer? Describe in brief with the help of example.



**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT (S-158)**  
**ADCA –II Semester ASSIGNMENT-2017**

- Question 1:- What is recursive function? Give suitable example.
- Question 2:- What is call by value and call by reference function? Give suitable example.
- Question 3:- What is pointer? Explain its role in programming. Give suitable example
- Question 4:- What are different types of data types and operators? Explain with suitable example.
- Question 5:- What are different types of control structure in 'C' language?
- Question 6:- What is array? Describe different types of arrays. Give suitable example of each type of array.
- Question 7:- Describe role of pointer to pointer.
- Question 8:- Differentiate between *Kruskal's Algorithm* and *Prims Algorithm* data structure? With suitable example.



- Question 9:- What is tree? Describe its terminology.
- Question 10:- Traverse following tree in  
Inorder Traversal      Preorder Traversal      Postorder Traversal
- Question 11:- Please explain what is Adobe Photoshop?
- Question 12:- Which is the latest versions of Adobe Photoshop?
- Question 13:- Can you explain Adobe Photoshop is raster based software or vector based software? Please explain both?
- Question 14:- Please explain some important tool in Adobe Photoshop and their features?
- Question 15:- What is a clipping mask and how we can create a Clipping Mask in Adobe Photoshop?
- Question 16:- What is scope and uses of Adobe Photoshop?
- Question 17:- Explain smart object in PhotoShop?
- Question 18:- What are swatches palettes?
- Question 19:- What is histogram in Photoshop?
- Question 20:- Explain about the Photoshop Work Area?
- Question 21:- Describe how you can create a 3D moving object in CorelDraw.
- Question 22:- What are the different filter options in PhotoShop?
- Question 23:- Describe different filtering options in CorelDraw
- Question 24:- What are the different tools in CorelDraw?
- Question 25:- Explain different graphics and text objects in PageMaker.
- Question 26:- Describe different types of windows in PhotoShop.
- Question 27:- Explain story Editor.
- Question 28:- Explain different effects which can be produced using CorelDraw.
- Question 29:- Distinguish between PhotoShop and CorelDraw.
- Question 30:- What are the different types of formatting tools available in PhotoShop?
- Question 31:- How to set up a new Publication in Page Maker?
- Question 32:- Explain about document setup on PageMaker.
- Question 33:- What is the use of PDF document?
- Question 34:- Write the uses of any four filters in PhotoShop.
- Question 35:- Explain the effects available in CorelDraw.
- Question 36:- Write the uses of any ten tools in CorelDraw tool box.
- Question 37:- What is paste Multiple? Explain Briefly?
- Question 38:- Explain the uses of PageMaker.
- Question 39:- Explain the tools available in PhotoShop Tool box.
- Question 40:- Explain Story Editor in PageMaker.
- Question 45:- Explain shaping menu in Corel Draw?
- Question 46:- What you mean by frames? How can you create frames in PageMaker?



- Question 47:- What are the different operations that can be applied to a text?
- Question 48:- Explain all the options in document setup dialog box in PageMaker?
- Question 49:- Explain the different views in PageMaker?
- Question 50:- What are the color modes in Photoshop?
- Question 52:- What are the different filter options in Photoshop?
- Question 53:- Describe how you can create a 3D moving object in CorelDraw
- Question 54:- Explain the uses of PageMaker.
- Question 55:- Explain shaping menu in Corel Draw?

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2017**

**PAPER'S CODE:-**

**ADCA-06/DIT-07**

**Time:- 02 :30 Hours**

**'C' Language Programming**

**Max Mark's:-100**

**10\*10 = 100**

- 1:- What are different types of data types and operators? Explain with suitable example.
- 2:- What are different types of escape sequence and format specifier? Give suitable example.
- 3:- What is call by value and call by reference function? Give suitable example.
- 4:- Draw a flow chart to check largest of any three numbers.
- 5:- Write the hierarchy of operations with suitable example.
- 6:- What is pointer? Explain its role in programming. Give suitable example.
- 7:- If the marks obtained by the student in five subjects is entered through Keyboard. Write a program to calculate avg. marks & percentage
- 8:- Differentiate between the following-
 

a) Variable & Constant.	(b) Break & Continue statements
c) Relational & Logical Operators	d) Switch and nested if-else statements.
e) Logical & Conditional Operator.	
- 9:- Write 'C' program to generate following pattern.

1	1	1
12	21	21
123	321	321
1234	4321	4321
1234554321		54321

10:-

Differentiate between characters and strings using suitable example.

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2018**

**PAPER's Code- ADCA-07/DIT-07**

**Time:- 02 :00 Hours**

**BASIC CONCEPT OF PROGRAMMING Max Mark's:-100**

**Note:** Attempt All Question

**Section-A**

**Multiple Choice Questions**

1. continue statement is used
 

A] to go to the next iteration in a loop	B] come out of a loop
C] exit and return to the main function	D] restarts iterations from beginning of loop



2. C supports how many basic looping constructs  
 A] 2                                      B] 3                                      C] 4                                      D] 6
  
3. The 'C' language is:  
 A] Interpreted at run time.                                      B] Compiled to obtain executable target files.  
 C] Designed for recursive string processing.                                      D] Designed for matrix algorithm processing.
  
4. The Java language is:  
 A] An object oriented programming language.    A] A structured programming language.  
 C] A procedural programming language.                                      D] A stack oriented programming language.
  
5. The Java language has most in common with the following language:  
 A] C#.                                      B] C.                                      C] C++                                      D] Basic.

### **Section B ( True / False )**

1. An object receives copies of all instance variables, but shares method code.
2. An object receives copies of all instance variables and all methods.
3. An object receives copies of all methods, but shares instance variables.
4. An object shares both instance variables and methods with other objects.
5. The function space type operator is right associative.
6. An interpreter never translates to intermediate code.
7. An interpreted program always executes slower than a compiled program.
8. Computer science is the study of computers.
9. Step by step problem solving technique is called algorithm.
10. Instance variables can only be declared within methods.

### **Section C (Brief explanation)**

1. What is variable? Also explain about constant?
2. Explain array of structure with example. Also Distinguish between character constant and string constant.
3. How many bytes are required to store integer type value?
4. What is the role played by the break statement within the switch statement? Explain with example.
5. Explain the difference between '=' and '==' operator explain with example?
6. What is null string? What is its length? What do you mean by pre-processor directives? List and explain its different categories.
7. What is variable? What are the rules for defining variables?
8. What is the purpose of comma operator within which statement does the comma operator usually appear?
9. Distinguish between binary and unary minus with example.
10. What are the different types of statement used in programming language?

EXAM JUNE-2017

PAPER'S CODE:-

ADCA-07/DIT-06

Time:- 02 :30 Hours

Basic Concept of Programming

Max Mark's:-100

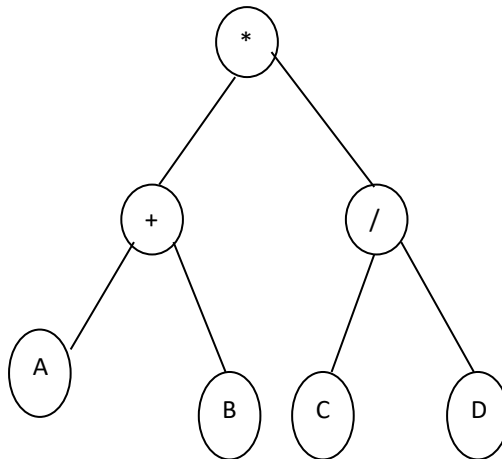
10\*10 = 100

- 1:- What is an algorithm and flowchart? Describe with suitable example.
- 2:- What are different types of sorting technique? Describe ahree with suitable example.
- 3:- Describe about *Stack* and *Queue* data structure? With suitable example.
- 4:- Describe about *Kruskal's* Algorithm data structure?With suitable example.
- 5:- What is tree? Describe its terminology.
- 6:- Traverse following tree in

Inorder Traversal

Preorder Traversal

Postorder Traversal

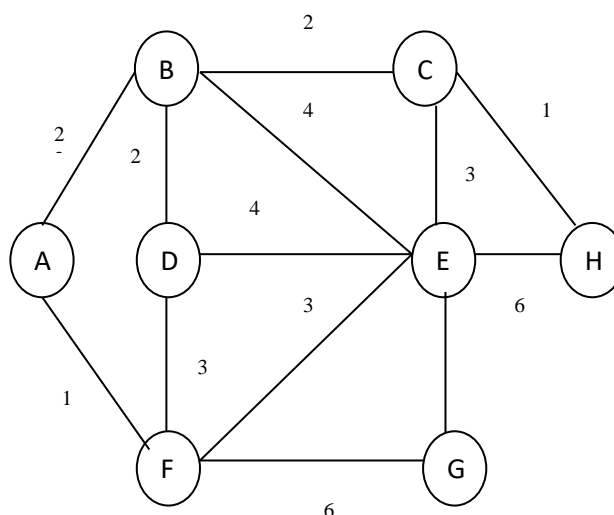


- 7:- A binary tree T has 9 nodes. The inorder and preorder traversals of yield the following sequence.

Inorder :- EACKFHDBG

Preorder :- FAEKCDHGB

- 8:- Traverse following graphs into minimal spanning tree.



- 9:- Convert the postfix Notation and Prefix Notation

(a)  $(A+B)*C/D+E^F/G$

(b)  $((\text{NOT } A) \text{ OR } (\text{NOT } B) \text{ AND } (\text{NOT } C))$

- 10:- Write short notes of following :

(a) Strictly Binary Tree

(b) Weakley and strongly graph

(c) Spanning Tree

(d) Weighted graph

**SECTION A Write Common View Answer**

1. If a person wanted a background that faded from light blue to white, which fill tool would he/she use?
2. What tool allows the page to move around to view different parts of the layout? The object does not move.
3. What is the shortcut key to combine the selected objects?
4. What is the shortcut key to specifies fountain fills for objects?
5. What is the shortcut key to displays a full-screen preview of the graphic or drawing?
6. What is the shortcut key to specifies fountain fills for objects?
7. What is the default paper type/size when you open CorelDraw windows?
8. Which of the following file types can be modified while applying filters on them?
9. Which technique is used for specifying the spacing increments for snapping text to the path?
10. What tool allows you to get a closer look at an object?
11. Which among the given options will you select to count the text elements for an entire drawing?
12. Which of the following Object properties can be modified for Symbol Instances?
13. In which Page orientation, the drawing's width is greater than its height?
14. What is the default Paper type & size when we open CorelDraw windows?
15. What is the use of Fountain Fill?

**SECTION B LONG QUESTIONS**

1. What is the different type's pf formatting in CorelDraw?
2. Describe how you can create a 3D moving object in CorelDraw
3. Explain shaping menu in Corel Draw?
4. Explain any two effects available in Corel Draw.
5. How you can copy an object in Corel Draw? What are the different options in it?
6. Write the uses of any five tools in Corel Draw. If someone asked me to Design a Logo for my Company? What would it look like?
7. What is paste multiple? What is cloning? How will you import a figure drawn in Corel Draw?
8. What are the different ways of kerning?
9. What is a shape? How do we use shapes in CorelDraw?
10. What is CorelDraw? For what purpose we use this software?

10\*10 = 100

1. Describe how you can create a 3D moving object in CorelDraw
2. Write the uses of any five tools in Corel Draw.
3. Describe different filtering options in CorelDraw
4. What are the different tools in CorelDraw
5. Explain different effects which can be produced using CorelDraw
6. Describe how you can create a 3D moving object in CorelDraw
7. Explain major features of CorelDraw
8. Explain shaping menu in Corel Draw?
9. How will you import a figure drawn in Corel Draw.
10. What are the different views in Corel Draw?

EXAM JUNE-2017

PAPER'S CODE:-

ADCA-08

Time:- 02 :30 Hours

Coral Draw

Max Mark's:-100

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INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

EXAM JUNE-2017

PAPER'S CODE:-

ADCA-06/DIT-07

Time:- 02 :30 Hours

Coral Draw

Max Mark's:-100

1. How to fix loading user settings frozen screen?
2. How to flatten transparency without rasterization?
3. Why does Arial Black default to italic in CorelDRAW?
4. What are the different tools in CorelDraw?
5. Difference between star and polygon as star.
6. What are differences between Artistic Text and Paragraph Text?
7. What is resizing images and what are the parameters to change the size of the picture?
8. Describe any one type of animation that can be performed in flash.
9. What do you mean by motion tweening?
10. Explain any two (2) text effects which can be applied to paragraph text.

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)

EXAM JUNE-2017

PAPER'S CODE:-

ADCA-08

Time:- 02 :30 Hours

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**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2018**

**PAPER'S CODE:-**

**ADCA-09/DIT-09**

**Time:- 02 :00 Hours**

**Coral Draw**

**Max Mark's:-100**

**SECTION A Write Common View Answer**

1. What are swatches palettes?
2. What is a Gradient in Adobe Photoshop?
3. ) What are the different methods to select some portion from images? Write complete flow for using that tool?
4. How do you organize layers in Photoshop?
5. What are different types of images used in web designing?
6. How do you select an exact color to match?
7. What are Lasso tools and name them?
8. How to create image with transparent background in Photoshop? What changes required for making image for web & Printing?
9. What is Clone tool?
10. Explain smart object in Photoshop?

**SECTION B LONG QUESTIONS**

1. Explain what is Adobe Photoshop?
2. Can you explain Adobe Photoshop is Raster Based Software or Vector Based Software? Please Explain Both?
3. Explain some important tool in Adobe Photoshop and their features?4. Explain any two effects available in Corel Draw.
5. What are swatches palettes?
6. Write the uses of any five tools in Corel Draw. If someone asked me to Design a Logo for my Company? What
7. What is histogram in Photoshop?8. What are the different ways of kerning?
9. Explain about the Photoshop Work Area?
10. What is CorelDraw? For what purpose we use this software?

**INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT CHITAIPUR VARANASI (S-158)**

**EXAM JUNE-2017**

**PAPER'S CODE:-**

**ADCA-09**

**Time:- 02 :30 Hours**

**Photoshop**

**Max Mark's:-100**

Q 1. Define following terms

- a. Clone Stamp Tool   b. Eraser Tool   c. Filters Gallery  
d. Warping Text Tool   e. Write the use of Lasso tool?   f. How can we rotate image.

Q 2. Define any four important tools of Photoshop?

Q 3. How many types of Lasso Tool and write the name with explain?

Q 4. Explain the Healing Brush Tool and how to use it?

Q 5. Write the steps applying filters from the gallery?

Q 6. Write the steps to apply layer effects?

Q 7. Explain shaping menu in Photoshop?

Q 8. Describe the features of Photoshop

Q 9. Explain different color modes in Photoshop?

Q 10. In Photoshop which kinds of files compress better as GIF than as JPEG or PNG?

EXAM JUNE-2017

PAPER'S CODE:-

ADCA-09

Time:- 02 :30 Hours

Photoshop

Max Mark's:-100

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INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT (S-158)

DIT-08

**Introduction of Windows Programming**

Time 02:00 hrs

Max Mark 100

**Note:** Attempt any **Seven** questions.

- Question 1:-** Describe most important features of a Visual Basic Language. What do you mean by IDE?  
Explain each of their components.
- Question 2:-** Write the procedure to create a form and use a data control on it, to connect any MS- Access database.
- Question 3:-** What is MDI? How to create Windows by using MDI explain with example.
- Question 4:-** What is Common Dialog Box? How many types of Common Dialog box are there in VB 6.0? Describe each with suitable example.
- Question 5:-** Write program of any three of given following.  
[a] Series of Prime numbers [b] Series of factorial numbers
- Question 6:-** What is the difference between function and procedure?
- Question 7:-** What are the advantages of ADO Data Control?
- Question 8:-** What is the role of property windows in Visual Basic? Explain with suitable example.
- Question 9:-** What are the different looping statements used in Visual Basic?
- Question 10:-** What is Common Dialog Box? How many types of Common Dialog box are there in VB 6.0? Describe each with suitable example.
- Question 11:-** What are arrays? Describe brief using suitable example in VB.

INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT (S-158)

DIT-08

**Introduction of Windows Programming**

Time 02:00 hrs

Max Mark 100

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INSTITUTE OF COMPUTER SCIENCES & MANAGEMENT (S-158)

June-2018 Exam DIT-09

**Introduction of RDBMS**

Time 02:00 hrs

Max Mark 100

**Note:-** Attempt any **seven** questions

- Question 1:-** Draws E-R Diagram Airlines Management System.
- Question 2:-** What is Transaction also explain its properties?
- Question 3:-** What is OODBMS also explain advantage and disadvantage?
- Question 4:-** What is Serializability also explain its types?
- Question 5:-** What is knowledge base system. Different between knowledge base system and database system?
- Question 6:-** Define the normal forms and explain 2NF and 3NF with table.
- Question 7:-** Define and explain following terms-
- |     |   |     |                      |
|-----|---|-----|----------------------|
| [a] | Recoverability and type of failures.              | [b] | Check points.        |
| [c] | Deadlock control.                                 | [d] | Concurrency control. |
| [e] | Locking Techniques for concurrency control.       |     |                      |
| [f] | Two phase locking and advantage and disadvantage. |     |                      |
- Question 8:-** Define and explain the following terms.
- |     |                      |     |                           |     |     |
|-----|----------------------|-----|---------------------------|-----|-----|
| [a] | Database             | [b] | DBMS Architecture         | [c] | DBA |
| [d] | Schema and its types | [e] | Data Models and its types | [f] | ERD |

**Introduction of RDBMS**

Time 02:00 hrs

Max Mark :70

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