



PAPER'S CODE:-

ADCA-06/DIT-07

Time:- 02 :30 Hours

'C' Language Programming

Max Mark's:-100

निर्देश : सभी प्रश्नों का उत्तर लिखना अनिवार्य है।

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 subject 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.

```
*           *           *
* *         * *         * *
* * *       * * *       * * *
* * * *     * * * *     * * * *
* * * * *   * * * * *   * * * * *
```

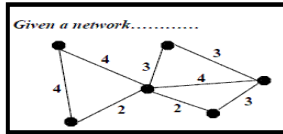
- 10:- Differentiate between characters and strings using suitable example.

- 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.

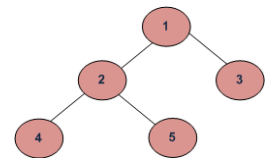
1	1	1
12	21	21
123	321	321
1234	4321	4321
12345	54321	54321

- 10:- Differentiate between characters and strings using suitable example.

- 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?

