



|| rst dk;Z csgrj dk;Z jk"V^a ds uke ||
ICSM™ & RAR EDUCATIONAL TRUST- VARANASI
EXAM-JUNE-2025
ADCA-06



PAPER's Code-

Time:- 02 :00 Hours

Max Mark's:-100

Introduction of 'C' Programming

Section A (MCQ)

5*1=5

1. Who is known as the father of C Language ?
 - (a) James A. Sosling
 - (b) Vjarne Stroustrup
 - (c) Dennis Ritchie
 - (d) Dr. E. F. Codd
2. C Language was developed in the year ____
 - (a) 1970
 - (b) 1971
 - (c) 1972
 - (d) 1973
3. Which one is not a reserve keyword in C Language?
 - (a) auto
 - (b) main
 - (c) case
 - (d) register
4. Prototype of a function means ____
 - (a) Declaration of Function
 - (b) main
 - (c) case
 - (d) register
5. Name the loop that executes at least once.
 - (a) For
 - (b) while
 - (c) do-while
 - (d) if

Section B (True / False)

5*1=5

1. Only character or integer can be used in switch statement.
2. The ++ operator increments the operand by 1, whereas, the -- operator decrements it by 1.
3. Algorithm is the graphical representation of logic.
4. An interpreted program always executes slower than a compiled program.
5. Size of () is a function that returns the size of a variable.

Section C (Long Questions)

6*15=90

Note: -Attempt ALL questions

1. Describe Programming elements in breif.
2. What are different types of data types and operators? Explain with suitable example.
3. Describe Bubble sorting technique with program.
4. What are different types of differentiate between 'continue' and 'break' control?
5. Differentiate between while loop and do-while-loop statement. Give suitable example.
6. Write 'C' program of following (Any Two).
 - (a) Series of Prime Numbers.
 - (b) Reverse Natural Numbers.
 - (c) Odd series Numbers.