

P.G.D.C.A Semester - 1 (CBCS) Examination
OCT/NOV-2024 (AS PER SYLLABUS YEAR JUNE-2023)
Programming In C (Core (New-23))

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Que-1 (A) Attempt following questions. (04)
- 1) A predefine meaning of a word, it is called _____.
 - 2) A single character constant always represented within pair of _____ quotes.
 - 3) Which flow chart symbols indicate process in chart?
 - 4) sizeof () is a special operator in C. (True / False)
- Que-1 (B) Attempt following. (Attempt Any Two) (10)
- 1) Explain data types available in C.
 - 2) What is an Operator? Explain types of Operators available in C.
 - 3) What is Flow chart? Explain various symbols available in Flow chart.
 - 4) Difference between Traditional C V/S Modern C.
- Que-2 (A) Attempt following questions. (04)
- 1) _____ is called Multi-Branching statement in C.
 - 2) _____ statement terminate current executable loop.
 - 3) _____ loop is called entry control loop in C.
 - 4) A loop with in a loop, it is called _____ loop.
- Que-2 (B) Attempt following. (Attempt Any Two) (10)
- 1) Explain nested if else statement with an example.
 - 2) Explain break and continue statement with an example.
 - 3) Explain entry control loop with an example.
 - 4) Explain go to statement with an example.
- Que-3 (A) Attempt following questions. (04)
- 1) Which function makes a copy of string from source to destination?
 - 2) Which function makes comparison of two string and check it is same or not?
 - 3) Static storage class member default initialize with _____ value.
 - 4) A local variable (without storage class specification) is a member of _____ storage class.
- Que-3 (B) Attempt following. (Attempt Any Two) (10)
- 1) Explain types of user defined function with an example.
 - 2) Explain call by value and call by reference with an example.
 - 3) Explain any five maths function.
 - 4) Explain storage classes in detail.

- Que-4 (A) Attempt following questions. (04)
- 1) What is an Array?
 - 2) What is Structure?
 - 3) What is Union?
 - 4) A structure contains another structure's object as a member, so it is called _____.
- Que-4 (B) Attempt following. (Attempt Any Two) (10)
- 1) Explain types of arrays in detail.
 - 2) Explain Array of Structure with an example.
 - 3) Explain Nested Structure with an example.
 - 4) Difference between Structure V/S Union.
- Que-5 (A) Attempt following questions. (04)
- 1) What is Pointer?
 - 2) What is Pointer to Pointer?
 - 3) _____ function return current pointer position in the file.
 - 4) _____ function move pointer at one place to another in the file.
- Que-5 (B) Attempt following. (Attempt Any Two) (10)
- 1) Explain pointer to structure with an example.
 - 2) Explain command line arguments with an example.
 - 3) Explain pointer to array with an example.
 - 4) Explain fopen(), fprintf() and fscanf() function with an example.
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