

P.G.D.C.A Semester - 1 (CBCS) Examination
OCT/NOV-2025 (AS PER SYLLABUS YEAR JUNE-2018)
PROGRAMMING IN C(CORE)

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. (03)
1. Who developed C Language?
 2. A String constant always represent in pair of double quotes. (True / False)
 3. void is a primitive data type in C. (True / False)
- Que.1(B) Attempt following. (Attempt Any Two) (06)
1. What is C Token? Explain types of Tokens available in C.
 2. What is Variable? Explain naming rules of variable.
 3. What is Constant? Explain types of Constants supported by C.
- Que.1(C) Attempt following. (Attempt Any One) (05)
1. Explain data types available in C.
 2. Explain type casting & type conversion in detail.
- Que.2(A) Attempt following questions. (03)
1. A loop with in a loop, it is called _____.
 2. _____ statement terminate current executable loop.
 3. _____ loop is called entry control loop in C.
- Que.2(B) Attempt following. (Attempt Any Two) (06)
1. Explain if else statement with an example.
 2. Explain goto statement with an example.
 3. Explain while loop with an example.
- Que.2(C) Attempt following. (Attempt Any One) (05)
1. Explain switch statement with an example.
 2. Explain lader elseif statement with an example.
- Que.3(A) Attempt following questions. (03)
1. Which function return length of passing string?
 2. Which function makes comparison of two string and check it is same or not?
 3. Static storage class member default initialize with _____ value.
- Que.3(B) Attempt following. (Attempt Any Two) (06)
1. Explain strcpy(), strcat() and strcmp() string function.
 2. Explain recursion with suitable example.
 3. Explain malloc() and calloc() function.
- Que.3(C) Attempt following. (Attempt Any One) (05)
1. Explain call by value and call by reference with an example.
 2. Explain types of user define function with an example.
- Que.4(A) Attempt following questions. (03)
1. int A[5][5]; Here A is able to store _____ elements of int data type.
 2. A structure defines using _____ keyword.
 3. A structure member access using _____ operator.

- Que.4(B) Attempt following. (Attempt Any Two) (06)
1. Explain Nested Structure with an example.
 2. Explain two dimensional array memory management.
 3. Difference between Structure V/S Union
- Que.4(C) Attempt following. (Attempt Any One) (05)
1. Explain types of Arrays in detail.
 2. Explain Array of Structure with an example.
- Que.5(A) Attempt following questions. (03)
1. _____ is a special variable which holds location of another variable.
 2. _____ function open file stream into file pointer.
 3. _____ function move pointer at one place to another in the file.
- Que.5(B) Attempt following. (Attempt Any Two) (06)
1. Explain fprintf(), fscanf() function with example.
 2. Explain Pointer to Pointer with an example.
 3. Explain Pointer within structure with an example.
- Que.5(C) Attempt following. (Attempt Any One) (05)
1. Explain Pointer to Structure with an example.
 2. Explain command line arguments with an example.
