

P.G.D.C.A Semester - 1 (CBCS) Examination
Feb/Mar. -2021 (NEW COURSE)
PROGRAMMING IN C(CORE)

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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- Q.1(A) Give the answer of following questions. (03)
1. How many bytes occupied by char data-type.
 2. Founder of C language and which year.
 3. What is Dry-run?
- Q.1(B) Attempt the following (Any Two) (06)
1. What is flow chart? Explain Basic symbol of flow Chart.
 2. Explain Keywords & Constants
 3. Explain arithmetic and logical operator.
- Q.1(C) Attempt the following (Any One) (05)
1. Explain PRE-PROCESSOR IN C.
 2. Explain Type Casting.
- Q.2(A) Give the answers of following questions. (03)
1. Which looping structure is known as exist control looping structure?
 2. _____Statement terminate current executable loop.
 3. List Decision Structure in C.
- Q.2(B) Attempt the following (Any Two) (06)
1. Explain Conditional ternary operator.
 2. Explain While statement with example.
 3. Explain Go to statement with example.
- Q.2(C) Attempt the following (Any One) (05)
1. Explain else if ladder statement with example.
 2. Explain for Loop.
- Q.3(A) Give the answers of following questions. (03)
1. Full form of UDF.
 2. What is the use of sqrt() function.
 3. Explain clrscr().
- Q.3(B) Attempt the following (Any Two) (06)
1. Explain printf() and scanf().
 2. Explain strlen and strstr().
 3. Explain getch() and putc().

- Q.3(C) Attempt the following (Any One) (05)
1. Discuss different types of UDF.
 2. Explain Storage Classes.
- Q.4(A) Give the answers of following questions. (03)
1. List types of Array.
 2. What is structure?
 3. Definition of union.
- Q.4(B) Attempt the following (Any Two) (06)
1. Explain Array within Structure.
 2. Explain string array.
 3. Explain Two-dimensional Array.
- Q.4(C) Attempt the following (Any One) (05)
1. Explain Nested structure with example.
 2. Differentiate: structure v/s. union.
- Q.5(A) Give the answers of following questions. (03)
1. What is realloc()?
 2. Explain fread().
 3. What Random Access file?
- Q.5(B) Attempt the following (Any Two) (06)
1. Explain getw() and putw().
 2. Explain pointer To structure.
 3. What is fprintf() and fscanf() function.
- Q.5 (C) Attempt the following (Any One) (05)
1. Discuss pointer to pointer with example.
 2. Explain command line arguments with suitable example.
