



FD-1007

PGDCA 1st Semester

Examination, Dec.-Jan., 2021-22

Paper - II

Programming in 'C'

Time : Three Hours] [Maximum Marks : 100

Note : Answer any **two** parts from each question. All questions carry equal marks.

Unit-I

1. (a) Explain the operator precedence and associativity.

(b) Explain the variable and constant with suitable example.

(c) Explain the different types of character formatting in 'C' with suitable example.

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(Turn Over)

Unit-II

2. (a) Write a programme to check a given number is even number or odd number.
(b) Write a programme to display a table of any given number.
(c) Explain the break and continue statement with suitable example.

Unit-III

3. (a) What is function ? Explain with suitable example.
(b) Write a programme to addition of two matrix. (assume 3×3 matrix)
(c) Differentiate between iteration and recursion with suitable example.

Unit-IV

4. (a) What is pointer ? Explain pointer authentication with suitable example.
(b) What is pointer to pointer ? Explain with suitable example.
(c) Write a programme to sort the string using pointer.

Unit-V

5. (a) What is structure ? How to initialize the structure element ? Explain with suitable example.

(3)

- (b) Write a programme to pass a structure as an argument in a function.
- (c) Explain the array of structure with suitable programme.

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