

Exam. Code : 303502

Subject Code : 6245

P.G. Diploma in Computer Application (PGDCA)

2nd Semester (Batch 2021-22)

PROGRAMMING IN C

Paper—II

Time Allowed—3 Hours] [Maximum Marks—50

Note :— Attempt **FIVE** questions in all selecting at least **ONE** question from each section. The **FIFTH** question may be attempted from any Section. All questions carry equal marks.

SECTION—A

1. What are the different types of operators available in C ? Explain the working of Logical Operators and Conditional Operators using examples.
2. Differentiate between While Loop and Do-While loop constructs using suitable example.

SECTION—B

3. Define Array. Illustrate the use of passing array argument to a function using suitable example.
4. What is Pointer ? How can one manipulate Strings using Pointers ? Explain with example.

SECTION—C

5. Define Structure. How its elements can be accessed ? Discuss the concept of Nested Structures using suitable example.
6. Explain the process of declaring a Union. How one can access the elements of a Union ?

SECTION—D

7. How does the *fopen* function work ? Explain with example.
8. Distinguish between *printf* and *fprintf* using an example.