

Exam. Code : 303502

Subject Code : 5293

P.G. Diploma in Computer Application (PGDCA)

2nd Semester

PROGRAMMING IN C

Paper—II

Time Allowed—3 Hours] [Maximum Marks—50

Note :— Attempt any **five** questions selecting at least **one** question from each Section. All questions carry equal marks.

SECTION—A

1. Define different data types supported by C.
2. What is the advantage of switch statement over else-if construct ?

SECTION—B

3. What are strings ? How strings are handled in C ? Explain any five string manipulation library functions with examples.
4. What is a pointer ? Explain how the pointer variable is declared and initialized.

SECTION—C

5. What is a structure ? Explain the syntax of structure declaration with example.

6. Write short notes on :

- (a) Unions
- (b) Array of Structures.

SECTION—D

7. What is a file ? Explain how the file open and file close functions are handled in C.

8. Briefly discuss :

- (a) Standard Input/Output
- (b) File updating.