

MAY 2015

**P/ID 17453/
RCC/PCAE**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Give the structure of a C program with example.

Or

- (b) Write notes on : for statement.

2. (a) Discuss on passing arguments to a function.

Or

- (b) What is a pointer? How pointers are initialised?

3. (a) Discuss on passing arrays to function.

Or

- (b) Write notes on Defining and Processing an array.

4. (a) Discuss on processing a structure.

Or

- (b) Discuss on Union.

5. (a) Write notes on Command line arguments.

Or

(b) Write notes on : fprintf() statement.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain all the operators available in C.
7. Explain writing output data with example.
8. With example explain passing pointers to a function.
9. Explain various types of arrays with example.
10. Explain the concept of pointers and one dimensional array.
11. Discuss on user defined data types.
12. Write brief notes on structures and pointers.
13. Explain how to create, open, close and processing a data file.