| DECEMBER 2015 | **P/ID 17453/ RCC/PCAE** |

Time : Three hours   Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1.   (a)   Write notes on Identifiers.

Or

(b)   Write a C program to find whether the given year is leap year or not.

2.   (a)   How to define a function? Explain.

Or

(b)   Write a C program to find the factorial of a given number using recursive function.

3.   (a)   Write notes on passing arrays to function.

Or

(b)   Write a C program to find the minimum value of a given set of 'N' elements.

4. (a) How to use a structure in C?

              Or

    (b) Discuss on user defined data types.

5. (a) Write notes on getw( ) and putw( ) functions.

              Or

    (b) Discuss on error handling during file operation.

        PART B — (5 × 10 = 50 marks)

        Answer any FIVE questions.

6. Explain the various operators available in C.

7. Give a detailed note on scanf ( ) statement.

8. Discuss on :

    (a) Switch statement

    (b) for statement.

9. Write notes on pointer operations.

10. Write a C program to sort the given numbers using pointers.

11. Explain the various types of arrays.

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12. Explain the method of using structure with pointers.

13. Explain how to create, open, close and process a data file.

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