893 Register No.:

# October 2018

*Time – Three hours*
*(Maximum Marks: 75)*

*[N.B: (1) Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory. Answer any FOUR questions from the remaining in each PART – A and PART – B*

*(2) Answer division (a) or division (b) of each question in PART – C.*

*(3) Each question carries 2 marks in PART – A, 3 marks in Part – B and 10 marks in PART – C. ]*

## PART – A

1. Define token.
2. Write any two features of C language.
3. Write the general form of continue statement.
4. Define subscript variable.
5. Define array of structures.
6. What is increment?
7. Give the general form to close a file.
8. Write any two character oriented functions.

## PART – B

9. Explain data type qualifiers.
10. What are the advantages of flowchart?
11. Give the syntax of *do... while* statement.
12. How the function is defined? Explain.
13. Explain static memory allocation.
14. Explain the arithmetic operations using pointers.
15. What are the differences between union and structures?
16. Explain putc () function.

[Turn over.....

PART – C

17. (a) Explain the structure of C program with an example.

*(Or)*

(b) (i) Explain the formatted input functions.
(ii) Explain binary and unary operators in detail.

18. (a) Explain switch statement with an example.

*(Or)*

(b) (i) Explain 1D array with an example.
(ii) Write a program to find the length of the string.

19. (a) Explain the categories of function.

*(Or)*

(b) (i) Explain any two storage class.
(ii) Write a program to find the factorial of a number using function.

20. (a) Explain how pointers are used in structures with an example.

*(Or)*

(b) (i) Explain how the address of a variable is accessed.
(ii) Write a program using MALLOC () function.

21. (a) Explain the functions used to move the file pointer randomly.

*(Or)*

(b) (i) Explain the two error handling functions.
(ii) Explain command line arguments.

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