2020
COMPUTER SCIENCE (General)
Paper : CMSG-DC-2(a)/GE-2(a)
(Introduction to C Programming)
(CBCS)

Full Marks : 25   Time : Two Hours

The figures in the margin indicate full marks.

Group - A

1. Answer any *five* questions :   2×5=10

    (a) Define keywords with two examples.

    (b) What is Macro?

    (c) Write the differences between structure and union.

    (d) Why the use of "goto" statement should be avoided?

    (e) Explain any two bit-wise operators with examples.

    (f) Explain the use of "continue" statement with an example.

Group - B

Answer any *three* questions.   5×3=15

2. Write a C program to check whether a given number is Prime or not.

3. What is loop? Compare the while and the do while loops with suitable examples.

4. What is recursion? Write a C function to find the factorial of a given number using recursion.   1+4

5. What is pointer? Distinguish between call by value and call by reference. 1+4

6. Write a short note on any *one* :   5×1=5

    (a) Storage classes

    (b) Ternary operator

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