U.G. 2nd Semester Examinations 2022
COMPUTER SCIENCE (General)

Paper Code : DC - 2 / GE - 2 (a)

(Introduction to C Programming)

Full Marks : 25   Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.

Group - A

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

    (a) What is the difference between ++a and a++?

    (b) Define keywords with two examples.

    (c) Discuss type conversion (casting) in brief with examples.

    (d) Define local and global variables with suitable examples.

    (e) Explain 2D array with an example.

    (f) Why does unconditional jump have to be avoided in the programs?

    (g) What are the differences between string and array?

Group - B

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

2. Write a C program which deletes duplicate elements of an array.   5

3. What is function? What are the difference between call by value and call by reference?   2+3

4. (a) When is a switch statement better than an if statement?

   (b) How a structure is different from a union?   3+2

5. (a) What happens if the break keyword is not included after the case body?

   (b) What is sizeof() ?   3+2

6. What are the advantages & disadvantages of using pointers in C?   5

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