FACUTLY OF SCIENCE
B.Sc., I SEMESTER (CBSE R-19) EXAMINATIONS, MARCH 2022
COMPUTER SCIENCE – I
PROGRAMMING IN 'C'

Time: 3 Hours]   [Max. Marks: 80

SECTION – A (8 x 4 = 32 Marks)

1. **Answer any EIGHT Questions**

   a) What is a translator? Explain types of translators

   b) Explain C tokens?

   c) Explain conditional statement with example?

   d) What is do while loop? Explain with example

   e) Write a program to check the given number is palindrome or not?

   f) Explain formatted IO functions

   g) What is a pointer? explain it uses

   h) What is the function? Explain

   i) Differentiate call by value and call by reference in C

   j) What is an array explain? 1-D array with example

   k) What is a file? explain different types of files access

   l) What is typedeaf.h in C?

SECTION – B (4 x 12 = 48 Marks)
Answer any FOUR Questions

2. Explain memory hierarchy in detail?

3. Write about different types of operators in C?

4. Explain conditional statements with syntax?

5. Write a program to find product of two matrices using multidimensional arrays?

6. What is a recursion write a program to find Fibonacci series?

7. Discuss dynamic memory allocations?

8. Define a structure? How to in initialise and access member of a structure

9. Explain file management function with an example?

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