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Total No. of Pages: 01
Total No. of Questions: 07

BCA (Sem.-1st)
PROGRAMMING IN 'C'
Subject Code: BC-104
Paper ID: [B0204]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATE:

1. *Section - A is Compulsory.*
2. *Attempt any Four questions from Section - B.*

SECTION-A

(10 × 2 = 20)

Q.1. Answer in 2-5 lines:

- a) What do you mean by compiler?
- b) List the various steps for problem solving?
- c) What is array?
- d) What do you mean by the base address of an array?
- e) What is function?
- f) What do you mean by decision making statements?
- g) Can we use float variable in switch statement? Explain.
- h) What is stream?
- i) List the various conditional directives?
- j) What is the difference between macro and a function?

SECTION-B

(4×10=40)

- Q.2. Explain the bitwise operators?
- Q.3. What do you mean by statements? Explain the various types of statement?
- Q.4. What do you mean by Recursion? What are the advantage of recursion? Explain in detail.
- Q.5. What do you mean by Call by Value and Call by reference? And also explain the difference between it with the help of example.
- Q.6. Write a program to search the element in matrix using Linear Search.
- Q.7. What do you mean by structure and union? Explain the passing structure to function.

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