2311001001010011
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NEP) (FIRST SEMESTER)
MAJOR-PROGRAMMING IN "C"(TH)-LEVEL 1

[**Time: As Per Schedule]** **[Max. Marks: 50]**

Instructions:
1. Fill up strictly the following details on your answer book
   a. Name of the Examination : **BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NEP) (FIRST SEMESTER)**
   b. Name of the Subject : **PROGRAMMING IN "C"(TH)-LEVEL 1**
   c. Subject Code No : **2311001001010011**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

Student's Signature

Q.1 Answer the following questions. **10**

1. Define flowchart.
2. What is identifiers? State name of identifiers used in C.
3. Explain continue statement.
4. ++ is known as _____ operator.
5. What is the main purpose of logical operators? List name of logical operators.
6. Explain typedef. Give example.
7. Union is better than structure in terms of memory utilization. (True/False)
8. What do you mean by pointer? Give example.
9. What is function declaration?

10. Find the integer constant from the following:

    a. "35" b. 4994 c. 53.16 d. none of these

Q.2 Answer the following questions. (Any Two) **14**

1. What is the purpose of switch statement? Explain switch statement with proper example.
2. Explain while and do while loop in details with example. Also compare them.
3. How can we pass array to a function? Explain with appropriate example.

Q.3 Answer the following questions. (Any Two) **14**

1. What are the differences between array and structure? Explain one dimensional array with example.
2. Define structure. Explain structure in detail with appropriate example. Also state its advantages.
3. What do you mean by UDF? Explain UDF with appropriate example.

Q.4 Answer the following questions. (Any Three) **12**

1. Write a note on levels of programming language.
2. Write a detailed note on nested if.
3. Write a note on Array of Pointer.
4. Write a detailed note on recursion. Give example.
5. Explain random accessing a file with example.

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