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DCBD314

Reg. No.

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III Semester B.Com.(BDA) Degree Examination, December/January - 2025/26

COMMERCE

C Programming

(SEP Scheme)

Paper : 3.4

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

Answer all the sections in English only.

SECTION - A

Answer any Five sub-questions. Each sub-question carries 2 marks. (5×2=10)

1. a. Who developed C program in which year and where?
- b. Why printf() and scanf() statements are used in C?
- c. What is Constant and how to declare it?
- d. Define the scope and life time of variable.
- e. What is the purpose of goto statement?
- f. Define recursion.
- g. How to perform pointer arithmetic?
- h. What is searching and sorting?



SECTION - B

Answer any Four of the following questions. Each question carries 5 marks.

(4×5=20)

2. Analyze the role of C Programming in data analytics.
3. Bring out the difference between interpreted and compiled languages.

[P.T.O.]





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4. Discuss about the various operators available in C.
5. Illustrate any one user defined function with example.
6. Write the difference between while () and do while () loops.
7. Demonstrate how to access the members of structures.

SECTION - C

Answer any Three of the following questions. Each question carries 15 marks.

(3×15=45)

8. a. Write the basic structure of C program.
b. Explain the compilation and execution of c program.
9. Explain basic and derived datatypes in detail with scope and lifetime of variables.
10. Discuss about different Conditional Statements with proper syntax and example.
11. Explain insertion and deletion operations of an array with example.
12. Explain how to read data sets and basic statistical calculations using files in C.

SECTION - D

Answer the following question. This question carries 5 marks.

(1×5=5)

13. Demonstrate the reading and displaying data in C with example.
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