

E 8199

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Reg. No.....

Name.....

B.Com. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2019

Fifth Semester

PROGRAMMING IN C LANGUAGE

(Common for Model II B.Com. Optional Stream Computer Applications U.G.C. Sponsored
B.Com. Computer Applications and U.G.C. Sponsored B.Com. [O.M. and S.P.]

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 60

Section A

*Answer all questions.
Each question carries 1 mark.*

1. What is decision-making statement ?
2. What is initialisation ?
3. What is the use of const keyword ?
4. What is an operator ?
5. Explain the use of a model in program development.
6. What is global variable ?
7. What is flow chart ?
8. What is derived data type ?

(8 × 1 = 8)

Section B

*Answer any six questions.
Each question carries 2 marks.*

9. Explain how comments are given in a C program.
10. Explain about bitwise operators.
11. Explain the syntax of for loop.
12. What is a static variable ?

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13. What is a pre-processor ?
14. What is the difference between = and == operation.
15. What is the purpose of typedef keyword ?
16. What is the function which can be used to close the file Stream ?
17. What is type casting ?
18. What is *l* value and *r* value ?

(6 × 2 = 12)

Section C

*Answer any four questions.
Each question carries 4 marks.*

19. Explain about jump statements in C programming.
20. Explain the purpose of Switch statement.
21. What is the difference between local variable and global variable ?
22. What are the steps in program definition ?
23. Differentiate between for loop and while loop with examples.
24. Write an algorithm to find the largest among three numbers.

(4 × 4 = 16)

Section D

*Answer any two questions.
Each question carries 12 marks.*

25. Explain the different operators used in C programming.
26. What are the different types of control structures in C ?
27. Explain the steps involved in the development of a program.
28. Explain the use of arrays and the different types of arrays used in C programming.

(2 × 12 = 24)