

**D 111942****(Pages : 2)****Name.....****Reg. No.....****THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2024****Computer Science****CSC 3C 03—PROBLEM SOLVING USING C****(2019—2023 Admissions)****Time : Two Hours****Maximum : 60 Marks****Section A (Short Answer Type Question)**

*Answer all the questions.  
Each answer carries a maximum of 2 marks.  
Ceiling 20 marks.*

1. Define keyword.
2. Define variable.
3. Which are the different logical operators in C ?
4. What is associativity of operators?
5. What is puts() and gets() ?
6. What is a decision-making statement?
7. Write the syntax of 'while' loop.
8. What is a 'goto' statement ?
9. What are library functions ?
10. What is an automatic variable ?
11. What is dynamic memory allocation ?
12. What are the advantages of functions ?

**(Ceiling 20 marks)****Section B (Short Essay Questions)**

*Answer all the questions.  
Each answer carries a maximum of 5 marks.  
Ceiling 30 marks.*

13. Define token. Explain the different types of tokens in C.
14. Write a note on the different I/O functions in C.

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15. Write a note on the different looping statements in C.
16. Explain about the different types of operators in C.
17. Define structure. Explain the concept in detail.
18. Explain about the different forms of if statement in C.
19. Explain the concept of pointers in C.

(Ceiling 30 marks)

**Section C (Essay Questions)**

*Answer any **one** of the following question.*

*Correct answer carries 10 marks.*

20. Prepare a note on the concept of arrays in C.
21. Explain in detail about the concept of functions in C.

(1 × 10 = 10 marks)