



QP CODE: 21101678

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Reg No : .....

Name : .....

**B.COM DEGREE (CBCS ) SPECIAL SUPPLIMENTARY EXAMINATION, JULY 2021**

**Fifth Semester**

**Complementary Course - CO5CMT08 - PROGRAMMING IN "C" (THEORY)**

Common for B.Com Model II Computer Applications & B.Com Model III Computer Applications

2018 Admission Only

ED4EA20D

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is a compiler?
2. What is a preprocessor statement?
3. What is a punctuator?
4. Explain the syntax of 'nested if' statement.
5. Differentiate control statement and body of loop.
6. Which character is stored to terminate an array in C?
7. Explain the function Strcmp() in C
8. Define function declaration.
9. Define local variable.
10. Define the major functions in conio.
11. What is the purpose of address operator ?
12. What is NULL pointer?

(10×1=10)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the rules for assigning variable names in a C program.





14. Describe the functions involved in formatted input output operations with suitable examples.
15. Explain the working of following C program code ?  
if (code==1)  
boy=boy+1;  
if (code==2)  
girl=girl+1;
16. Explain break and continue statements
17. How to read and display strings?
18. What are the advantages of user defined functions?
19. Write a function definition for finding smallest among two numbers.
20. How does a structure differ from an array ?
21. Explain Memory operators associated with pointer variables.

(6×5=30)

### Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain the operators in C language.
23. Briefly explain control structures and its different categories.
24. Write a C program to add two Matrices.
25. Explain categories of function based on arguments and return type with suitable examples.

(2×10=20)

