



QP CODE: 22100129



22100129

Reg No :

Name :

**B.COM DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
JANUARY 2022**

Fifth Semester

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

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

2017 Admission Onwards

D8053AE4

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Explain the use of #include statement.
2. What is a symbolic constant?
3. Shortly explain the getchar() and putchar() functions.
4. Name the different branching statement used in C program?
5. How can a program flow jump using goto statement?
6. What is a string?
7. Explain strlen() and strcat() functions.
8. Define function prototype.
9. Explain the syntax for a function call.
10. Mention the categories of function based on arguments and return type.
11. What kind of information does a pointer variable represent?
12. How to declare a pointer ?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Draw flow chart to find the average of two numbers.





14. Explain the bitwise operators in C language.
15. Write a C program to display the grade obtained by a student when mark is given using else-if ladder.
16. Write short note on while statement.
17. Explain the concept of multidimensional array with example.
18. Define Local and Global variables with suitable example.
19. What are the advantages of library functions?
20. How to initialize structure members?
21. What happens when a pointer variable is incremented ?

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain the tokens in C language with suitable examples.
23. Explain the different forms of conditional branching statements.
24. How the array are declared, initialized and processed in C?
25. Explain the need for a user defined function in C program.

(2×10=20)

