



QP CODE: 22103482



Reg No :

Name :

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

NOVEMBER 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

B58798C4

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is a compiler?
2. Give an example for unary operator in C language.
3. Explain different type of symbolic constants.
4. Name the different looping statements used in C program.
5. What is the use of continue statement ?
6. How to create an array?
7. What is a string?
8. Differentiate between user defined and library functions.
9. Explain the syntax for function definition.
10. Define global variable.
11. What kind of information does a pointer variable represent ?
12. When is a null pointer used?

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Explain the basic structure of a C program.
14. Describe the functions involved in formatted input output operations with suitable examples.
15. Explain the working of 'if.....else' statement?
16. Differentiate between switch and elseif ladder?
17. Explain the concept of multidimensional array with example.
18. Write a C program to find factorial of a number using a recursive function?
19. Define the use of library functions stdio.h and conio.h?
20. How does a union differ from a structure ?
21. What is (void*) ?

(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. Write C program a) to check whether a number is amstrong or not ? b) to find factorial of a number.
24. Write a C program to check whether the string is palindrome or not.
25. Explain about the basic structure of a function.

(2×10=20)

