B.COM DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, OCTOBER 2024

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

7AC66DAA

Time: 3 Hours   Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is a preprocessor statement?

2. Differentiate between prefix and postfix form of increment decrement operators.

3. Explain the syntax of printf() function.

4. What do you mean by control structures?

5. How does 'if' statement works?

6. List the type of array in C.

7. Explain the function Strcmp() in C.

8. Explain the speciality of main() in a C program.

9. Explain the syntax for function definition.

10. Define library functions.

11. What is NULL pointer?

12. Differentiate between the following two expressions .
    a) *p=10;
    b) P=10;

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Write algorithm to check whether a number is prime or composite.

14. Explain the different type of constants.

15. Differentiate between switch and elseif ladder.

16. Write short note on while statement.

17. Explain string and character array in c with example.

18. Explain user defined functions with example.

19. Define visibility of a variable.

20. How to declare structure variables?

21. Why do we use pointers?

(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. What are jump statements in C language and how these works?

24. Write a C program to add two Matrices.

25. Write a C program to find sum of digits using function.

(2×10=20)