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SUBJECT CODE NO: - BB-2457
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS)(Pattern 2022) F.Y SEM II
Examination November / December 2025
Computer Science Paper-V Basic C Programming

[Time: 1:30 Hours]**[Max. Marks: 40]**

Please check whether you have got the right question paper.

N. B

- (1) All questions are compulsory
- (2) All questions carry equal marks

Q1 (a) Explain the features of C language. Why is it called a structured programming language? 10

OR

- (a) Define C Tokens. Explain their types with examples. 05
- (b) Write a short note on data types in C. Give example of each. 05

Q2 (a) Explain the structure of a C program with an example. Describe the process of compilation and execution. 10

OR

- (a) Describe the use of printf and scanf functions with examples. 05
- (b) What are escape sequence characters? Explain any three with examples. 05

Q3 Write short on (Any two) 10

- (a) Constants in C
- (b) Unary operators
- (c) Use of goto statement
- (d) Character array

Q4 Multiple choice questions 10

1. Which of the following is not a valid variable name in C?
 (a) var1 (b) _var (c) 1 var (d) var_1
2. Which of the following is not a C keyword?
 (a) auto (b) case (c) main (d) register
3. The && operator is called:
 (a) Logical OR (b) Bitwise AND (c) Logical AND (d) Arithmetic AND
4. The correct syntax to declare a float variable is:
 (a) float x; (b) float = x; (c) x float; (d) float:x;
5. What is the output of: printf("%d", 10>5);
 (a) 0 (b) 1 (c) 10 (d) 5
6. Which function is used for input in C?
 (a) get() (b) input() (c) scanf() (d) cin

7. The ternary operator is:
(a) :: (b) ?: (c) ?? (d) &&
8. Which loop is guaranteed to execute at least once?
(a) for (b) while (c) do-while (d) none
9. An array index in C starts from:
(a) 0 (b) 1 (c) -1 (d) 2
10. Which header file is required for printf ?
(a) stdlib.h (b) math.h (c) stdio.h (d) conio.h

