

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BCom DEGREE EXAMINATION DECEMBER 2025
(Third Semester)**

Branch – **COMMERCE WITH COMPUTER APPLICATION**

FUNDAMENTALS OF C PROGRAMMING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Who is the father of C Language? (a) Steve Jobs (b) James Gosling (c) Dennis Ritchie (d) Rasmus Lerdorf	K1	CO1
	2	How many keywords are there in C Language? (a) 32 (b) 33 (c) 64 (d) 18	K2	CO1
2	3	The C source file is processed by the _____. (a) Interpreter (b) Compiler (c) Both Interpreter and Compiler (d) Assembler	K1	CO2
	4	When the condition of if statement is false, the flow of code will _____. (a) Go into the if block (b) Exit the program (c) Continue the code after skipping the if block (d) None of the above	K2	CO2
3	5	Which function is used to concatenate two strings in C? (a) concat() (b) cat() (c) stringcat() (d) strcat()	K1	CO3
	6	You can access elements of an array by _____. (a) Values (b) Indices (c) Memory addresses (d) All of the above	K2	CO3
4	7	Functions can return enumeration constant in C. (a) True (b) False (c) Depends on the compiler (d) Depends on the standard	K1	CO4
	8	What is function overloading? (a) Process of multiple functions (b) Multiple functions with the same name (c) Looping functions (d) All of the above	K2	CO4
5	9	Which operator is used to access the member of a structure? (a) _ (b) <> (c) * (d) .	K1	CO5
	10	Which header file should be included for input and output functions in C? (a) <stdlib.h> (b) <stdio.h> (c) <math.h> (d) <string.h>	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer **ALL** questions
ALL questions carry **EQUAL** Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Describe the Character set.	K1	CO1
	(OR)			
	11.b.	List the types of constants.		
2	12.a.	Illustrate the decision making with IF statement	K2	CO2
	(OR)			
	12.b.	Analyze the go to statement.		
3	13.a.	Construct initialization of One-dimensional arrays.	K2	CO3
	(OR)			
	13.b.	Explain the reading strings from terminal.		
4	14.a.	Examine the need for User-defined functions in C.	K3	CO4
	(OR)			
	14.b.	Classify the elements of User-defined functions.		
5	15.a.	Explain the Arrays of Structures in C.	K4	CO5
	(OR)			
	15.b.	Analyze the file management in C.		

SECTION -C (30 Marks)

Answer **ANY THREE** questions
ALL questions carry **EQUAL** Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	State the steps in executing a C program.	K1	CO1
2	17	Discuss the Nesting of If....Else Statements.	K2	CO2
3	18	Elaborate about writing strings to screen in C.	K2	CO3
4	19	Explore No Arguments and No Return Values.	K3	CO4
5	20	Explain about declaring Structure variables in C.	K4	CO5

Z-Z-Z

END