

ROLL No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total number of pages: [1]

Total number of questions: 06

BCA 1st Sem
Programming in C
Subject Code: BSBC 102
Paper ID:

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory

PART A (2×10)

Q. 1. Short-Answer Questions:

All COs

- Define C tokens and literals.
- What are local and global variable.
- What is an array? How it can be initialized?
- Write a program to calculate factorial of a number.
- What is a function?
- What is conditional operator?
- Differentiate between break and continue.
- Differentiate between while and do while statement.
- What is a flow chart?
- How a structure is implemented in C language?

PART B (8×5)

Q. 2. Define operators . Explain various types of operators used in C language.

CO1

OR

What are the various data types used in C language?

CO1

Q. 3. What is a function? How a function is created in C language?

CO2

OR

Write a program to pass array as function argument.

CO2

Q. 4. What is a switch statement? Explain its importance over other conditional statements

CO3

OR

What is a statement? Explain different types of statements used in C language?

CO3

Q. 5. Differentiate recursion and iteration.

CO4

OR

How structures are different from unions? Explain.

CO4

Q. 6. Write a short note on Top down approach and Bottom up approach?

CO5

OR

What do you mean by strings? How strings can be declared and initialized? Explain.

CO5