



Biyani Girls College
First mid Term Examination 2025-26
BCA I Sem.
Subject- Programming in C (BCA-51T-101)

Time: 3 Hrs.

MM: 80

[I]Very short answer questions.

(10 * 2 = 20)

- Q1. What do you mean by operator?
- Q2. What do you mean by Iterative statements?
- Q3. What do you mean by base address of an Array?
- Q4. WAP to check larger between two values using conditional operators.
- Q5. List Bitwise operators.
- Q6. What do you mean by String?
- Q7. Which string method is used to check that two strings are same or not?
- Q8. Write two differences between while and do-while loop.
- Q9. Which flowchart symbol is used to apply formulas?
- Q10. What do you mean by Unary operators?

[II]Long questions.

(4 * 15 = 60)

- Q1. What do you mean by Flowchart? Explain symbols used in flowchart. Draw any 4-flowchart example. Also draw an additional flowchart to check a number is Buzz number or not.
- Q2. What do you mean by conditional statements? Explain all of them with suitable examples. Also, WAP to perform basic operations on two values according to user choice (1 for +, 2 for -, 3 for *, 4 for /)
- Q3. What do you mean by Array? Explain types of arrays with example. Also, WAP to find sum of two matrix of 3*4 order.
- Q4. WAP:
 - (a) To check whether a number is Prime or not.
 - (b) To print first n terms of a Fibonacci series.
 - (c) To check that a number is Palindrome or not.