

LESSON PLAN (SESSION 2024-25)

CLASS:- BCA SEM:- IInd

SUBJECT :- C++ LANGUAGE

S.No.	Date.	Day	Paper No.	Topic.
1	1-Feb-25	Saturday	5	Write a C++ program to print "Hello, World!" on the screen.
2	4-Feb-25	Tuesday	5	Write a C++ program to take two numbers as input and print their sum.
3	7-Feb-25	Friday	5	Write a C++ program to swap two numbers without using a third variable.
4	8-Feb-25	Saturday	5	Write a C++ program to find the largest number among three numbers entered
5	10-Feb-25	Monday	5	Write a program to check whether a number is even or odd.
6	11-Feb-25	Tuesday	5	Write a program to find the ASCII value of a character entered by the user.
7	14-Feb-25	Friday	5	Write a program to convert temperature from Celsius to Fahrenheit.
8	15-Feb-25	Saturday	5	Write a C++ program to check whether a number is positive, negative, or zero.
9	17-Feb-25	Monday	5	Write a program to calculate the area and perimeter of a rectangle.
10	18-Feb-25	Tuesday	5	Write a C++ program to check whether a year is a leap year or not.
11	21-Feb-25	Friday	5	Write a program to print numbers from 1 to 100 using a loop.
12	22-Feb-25	Saturday	5	Write a program to print the multiplication table of a given number using
13	24-Feb-25	Monday	5	Write a program to find the sum of the first n natural numbers.
14	25-Feb-25	Tuesday	5	Write a program to calculate the factorial of a given number using a loop.
15	28-Feb-25	Friday	5	Write a C++ program to check whether a number is prime or not.
16	1-Mar-25	Saturday	5	Write a program to find the sum of all even numbers between 1 and n.
17	3-Mar-25	Monday	5	Write a program to generate the Fibonacci series up to n terms.
18	4-Mar-25	Tuesday	5	Write a program to reverse a number using a loop.
19	7-Mar-25	Friday	5	Write a program to count the number of digits in an integer.
20	8-Mar-25	Saturday	5	Write a C++ program to check whether a number is an Armstrong number.
21	10-Mar-25	Monday	5	Write a C++ program to find the largest and smallest element in an array.
22	11-Mar-25	Tuesday	5	Write a program to reverse an array without using an extra array.

23	17-Mar-25	Monday	5	Write a program to sort an array in ascending order using Bubble Sort.
24	18-Mar-25	Tuesday	5	Write a program to count the frequency of each element in an array.
25	21-Mar-25	Friday	5	Write a program to find the second largest number in an array.
26	22-Mar-25	Saturday	5	Write a program to merge two arrays into a third array.
27	24-Mar-25	Monday	5	Write a C++ program to check if a given string is a palindrome.
28	25-Mar-25	Tuesday	5	Write a program to count the number of vowels and consonants in a string.
29	28-Mar-25	Friday	5	Write a C++ program to find the length of a string without using the
30	29-Mar-25	Saturday	5	Write a program to find the occurrence of a character in a string.
31	1-Apr-25	Tuesday	5	Write a function to find the maximum of two numbers.
32	4-Apr-25	Friday	5	Write a function to find the sum of digits of a given number.
33	5-Apr-25	Saturday	5	Write a function to find the factorial of a number using recursion.
34	7-Apr-25	Monday	5	Write a function to find the greatest common divisor (GCD) of two numbers.
35	8-Apr-25	Tuesday	5	Write a function to check if a number is prime or not.
36	11-Apr-25	Friday	5	Write a function to reverse a number using recursion.
37	12-Apr-25	Saturday	5	Write a function to check if a given number is a palindrome.
38	15-Apr-25	Tuesday	5	Write a function to count the number of vowels in a given string.
39	19-Apr-25	Saturday	5	Write a function to convert a string to uppercase.
40	21-Apr-25	Monday	5	Write a function to calculate the power of a number using recursion.
41	22-Apr-25	Tuesday	5	Write a function to count the number of vowels in a given string.
	24-Apr-25	Thursday	MID - TERM EXAM SCHEDULE	
	25-Apr-25	Friday		
	26-Apr-25	Saturday		
	28-Apr-25	Monday		
	29-Apr-25	Tuesday		