

INDEX

Name: Sulav Baral

Roll No.: 9

Faculty: BSc.CSIT

Semester: Second

Subject: OOP

Year : First

| S.N. | Title | Date of Submission | Sign |
|------|--|--------------------|------|
| 1. | <p>Writing Simple Programs in C++</p> <ol style="list-style-type: none">WAP to display the message "Hello World" using C++.WAP to input a number and display Even or Odd using C++.WAP to input a number and display its table upto 10 terms using C++.WAP to input two numbers and display their sum, difference, product and division. | 2081/04/ | |
| 2. | <p>Writing C++ programs using Classes and objects.</p> <ol style="list-style-type: none">Define a class Person with private members for the person's name and age. Write methods to set and get these values.Create a class Point that represents a point in a 2D space with x and y coordinates. Write methods to set and get the coordinates.Define a class Circle with a member for the radius. Write methods to calculate the circumference and area of the circle.Implement a class Book with members for the title, author, price and number of pages. Include methods to set and get these values.Create a class BankAccount with members for the account number and balance. Write methods to deposit and withdraw money, and to check the balance.Write a class Date that represents a date with day, month, and year members. Include methods to set and display the date.Create a class Complex Number and write methods to set and get the number. | 2081/04/ | |
| 3. | <p>To illustrate the concept of different types of constructors (default, parameterized and copy) in C++.</p> <ol style="list-style-type: none">Write a class Person with a constructor that initializes the name and age of the person.Write a program to demonstrate the use of different types of constructors in C++ . | 2081/04/ | |