a) Write a program in C++ to check a number is prime or not. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to find reverse of entered number. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to display Fibonacci series. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to check a number is Armstrong or not. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to check a number is Palindrome or not. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to enter roll number and five subjects marks of a student and calculate total and percentage till the user wants to continue by entering 'y' or 'Y'. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to get Factorial of an entered number. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)

---

a) Write a program in C++ to calculate addition, subtraction, multiplication and division of two entered numbers using arithmetic operator (+, - , * , and/) and continue till user enters 'Y' or 'y'. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (5)

Write a program in C++ to calculate area of rectangle, triangle, circle and square of entered numbers using switch statements and continue till the user enters 'Y' or 'y'. (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (5)

---

a) Write a program in C++ to find prime numbers in a given range (15)
b) Enter the program and verify proper execution of the same on the Computer. (10)
c) Write the output in answer sheet. (05)