**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**CLASS – XI – WINTER ASSIGNMENT ON C++(2015-16)**

Q. No. 1) Write a Menu Driven Program in C++ to perform the following:

1. Display each digit and Number of occurrences of each digit in a number.

For Example: The given number is 2352527

**Output:**

**2 Occurs 3 times.**

**3 Occurs 1 time.**

**5 occur 2 times.**

**7 occur 1 time.**

1. Display Count and sum of primer Numbers in a given range of numbers.

For Example: If the given range is between 10 and 20

**Output**

**Total Prime Numbers exist in the range between 10 and 20: 4 (11,13,17,19)**

**Sum of Prime Numbers in the range between 10 and 20: 60**

1. To find the number of digits, lower case, upper case alphabets and special characters given in a String.

For Example: The given string is

“1.JavaScript\*2.Phython\*3.ASP\*are#the#Scripting\*Languages”

1. Exit

Q. No. 2) Write a Menu Driven Program in C++ to perform the following:

Declare and Read the Employee details Employee Code, Name, Department and Salary in separate Arrays of maximum size 100 as follows:

EmpCode (int), EmpName Char(30), Dept Char(20), Salary (Float).

Perform the following:

1. Count the Number of Employees who is working in ‘IT’ Department.
2. Display the details of Employees who are earning the salary less than 15000.
3. Display the details of Employee with Employee Code: 135.
4. Display the EmpCode, Department of the Employee with the name “Jadav”.
5. Exit

**Note: To be solved in your Practical Record Note Book**

**Last Date of Submission: 07-01-2016**

**All the Best**