**INDIAN SCHOOL OF AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**CLASS :XI HOLIDAY WORKSHEET – PRACTICAL PROGRAMS**

Note : Coding for the following list of C++ programs need to be written on your Practical Note Book and submit the same after the summer holidays ie on 30.7.2017

1. Write a program to print your Name, Class with Section and School Name.
2. Write a program to read the Principal amount, rate of interest and no. of years as input and find the simple interest amount. (p \* r \* t / 100).
3. Write a program which accept temperature in Fahrenheit and print it in centigrade. C=5\*(F-32)/9
4. Write a program to input 2 numbers and swap them without using temporary variable.
5. Write a program to check a number is leap year or not.

Year will be either divisible by 400 or year is divisible by 4 but not divisible by 100.

1. Write a program to calculate Compound Interest.
2. Write a program to accept 3 no’s & find the largest (using ?: ternary operator)
3. Write a program to check whether the number is multiple of both 5 and 10 or not by using if..else statement.
4. Write a program to find area of triangle using Hero’s formula
5. Write a program to swap two numbers with the help of temporary variable?

 11. Write a program to do following task

 1) No is even or odd

 2)No is positive or negative

 3) Display last digit

 4) N4

 12. Write a program to display following output

 5 10

 15 20 25

1. 35

 13. Enter a no P and check whether P is multiple of 4 or not if yes reduce no P by 2

 otherwise increase no P by 2

 14. Read a no X and check whether no X is in the range of 10-25 Display appropriate

 message.

 15. Write a program to accept the value of A & B and find the value of M= √(A3+B3)2