Class 11   Time : 1 hr.
23-7-2014   First Unit Test in COMPUTER SCIENCE   M. Marks : 20

1.   Explain escape sequence with an example.   (1)

2.   Write any one difference between the following: -   (3)
      a. Keywords and Identifier
      b. = and ==
      c. Unary and Binary Operator

3.   Write the output of the following:-   (4)
      a. cout<<x-y<z && y+z>x || x-z<=y-x+z;
          (if x=4, y=7 and z=10)
      b. a = m *3/4 +k/4 + 8 − m + 5/8;
          cout<<a;
          (if m = 2, k=4)
      c. int n=28;
          cout<<++n<<n--<<-- n<<n++;

3.   Write an equivalent C++ expressions for the following expression   (1)
      s=ut+ $\frac{1}{2}$ at²

4.   Construct logical expression to represent the following condition. Weight is greater than
      or equal to 115 but less than 12.5.   (1)

5.   Correct the errors in the given program segments   (4)
      include<iostream>
      void main()
      {
      Int a, b, c;
      cout<<'Enter the two number';
      cin>>a<<b;
      const float A 3.14;
      A=A+30;
      a+b=c;
      cout<<a<<b;
      }

6.   A computer programming contest requires team of 5 members each. Write a program
      that asks for number of players and then gives the number of teams and number of
      players left over. Display number of teams and number of players left over in different
      lines.   (3)

7.   Write a C++ program to input principal amount and time. If time is more than 10
      years, calculate the simple interest with rate 8% otherwise calculate it with rate 12%
      per annum. Display simple interest with proper message.   (3)
      (Use Conditional Operator)

-x-x-x-x-x-