INDIAN SCHOOL AL WADI AL KABIR

 Holiday HomeWork, 2018-19

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| **Class: XI** | **Computer Science** | **Date of submission:**  |
|   | **TOPIC: C++ Programming**  | 05/08/2018 |

1. What will be the output of the following code?

 (i) int ch=20 (ii) int ch=20

 cout<<++ch<<”\n”<<ch<<”\n”; cout<<ch+1<<”\n”<<ch<<”\n”;

2. What will be the result of the following two expressions if i=10 initially?

 (i) ++i<=10 (ii) i++<=10

3. Write the corresponding C++ expressions for the following mathematical expressions.

 (i) e x-x (ii) (R+S)4  (iii) 2-4y\*(p+q)2 (iv) (A+B)2+(C+D)4

4. Given the value of a, b and c evaluate the following expression

 (a>=b)||(!c==b)&&(c<a)

 a=10, b=5, c=11

5. Determine the output.

 a=2;

 b=++a

 cout<<a;

 cout<<b;

 cout<<a++;

 cout<<++a;

6. What is the difference between num=10 and num= =10

7. What is the output of the following statement?

 int i=20

 cout<<i<<i++<<++i;

8. Evaluate the following, where p, q are integers and r, f are floating point numbers.

 The value of p=8, q=4 and r=2.5

 (i) f = p \* q + p/q (ii) r = p+q + p % q

9. What is the output of the following?

 # include void main ( )

 { int i=0;

 cout<<i++<<<i++<<<i++<<”\n”;

 }

10. Write a program to enter two numbers and swap their values without using third variable.

11. Write a program to enter a number of four digits and display the sum of its first and last digit.