

Name: _____

Reg. No: _____



**Ghulam Ishaq Khan Institute of
Engineering Sciences and Technology**

Faculty of Computer Science and Engineering

CS101 – Introduction to Computing (Fall 2021)

Quiz # 2

November 05, 2021

Total Marks: 20

Time: 15 Minutes

1. What is the output of this program?

(01 Point)

```
int a = 21;  
int c ;  
c = a++;  
cout << c;
```

Ans:

2. What is the output of this program?

(01 Point)

```
int a = 0;  
if (a++)  
    cout << a++;  
else  
    cout << --a;
```

Ans:

3. Identify the output of this program?

(01 Point)

```
int a = 2, b = 2;  
cout << (a == b);
```

Ans:

4. Identify the output of this program?

(01 Point)

```
int a = 2, b = 2;  
cout << (a != b);
```

Ans:

5. What is the output of this code?

(02 Points)

```
int p = 10;  
if(p < 20)  
    if(p > 10)  
        cout << "Hey";  
    else  
        cout << "Hi";  
else  
    cout << "Hello";
```

Ans:

6. What is the output of this code?

(02 Points)

```
int p = 10;  
p = ++p <= 10 ? 11 : 12;  
cout << p;
```

Ans:

7. What is the output of this code?

(02 Points)

```
int a = 1, b = 1;  
if(--a || b--)  
    cout << "Hi";  
else  
    cout << "Bye";
```

Ans:

8. What is the output of this code? (02 Points)

```
int a = 1, b = 1, c = 0;
if(a && b && c)
    cout << "True";
else
    cout << "False";
```

Ans:

9. What is the output of this code? (02 Points)

```
int a = 11, b = 5;
if(a = 5)
    b++;
cout << ++a << " " << b++;
```

Ans:

10. What is the output of this code? (02 Points)

```
int a = 12, b = 10;
if(++a%10 - a)
    b += a;
else
    b -= a;
cout << a << " " << b;
```

Ans:

11. What is the output of this code? (02 Points)

```
int number = 4;
double alpha = -1.0;
if (number < 0)
    if (alpha < 0)
        cout<<"Here I am!"<<endl;
    else
        cout<<"No,I'm not!"<<endl;
```

Ans:

12. What is the output of this code? (02 Points)

```
int a = 2;
if ( ++a*5 < 15 )
    cout << "Hello!";
else if ( a*2 == 10 )
    cout << "Hi!";
else
    cout << "Bye!";
```

Ans: