

# Checklist :

I. Q & A

II. Ôn tập Quizzes

*Các bạn xem bài  
thật kỹ rồi Q & A ?*

## Quizzes Review PRN292

**Q1.** For the following program :

```
static void Test(int a, out int b, ref int c)
{
    b = 2;
    a = c++;
    b = a + c;
    c = ++b;
    return ;
}
static void Main(string[] args)
{
    int a = 2, b = 3, c = 1;
    Test(c, out a, ref b);
    Console.WriteLine("a:{0},b:{1},c:{2}", a, b, c);
    Console.WriteLine();
}
```

The output will be :

A: a=4,b=4,c=1

B: a=3,b=4,c=3

C: a=8,b=8,c=1

D: a=4,b=4,c=3

**Q2.** For the following program :

```
static void Test(out int a, ref int b)
{
    int t = a;
    a = b;
    b = t;
}
static void Main(string[] args)
{
    int a = 2, b = 1;
    Test(out a, ref b);
    Console.WriteLine("a:{0},b:{1}", a, b);
    Console.WriteLine();
}
```

The output will be :

A: a=1,b=2

B: a=2,b=1

C: An exception wil be thrown.

D: Compile-time error

**Q3.** For the following program :

```
class A
{
    static A() {
        Console.Write("1");
    }
    public A()
    {
        Console.Write("2");
    }
    public static void Print()
    {
        Console.Write("3");
    }
}
class Program {
    static void Main(string[] args)
    {
        A.Print();
        Console.WriteLine();
    }
}
```

The output will be :

A: 13

B: 12

C: An exception will be thrown.

D: 21

**Q4:** For the following program :

```
static T Test<T>(T a, T b)
{
    a++;
    ++b;
    T c = a + b;
    return c;
}
static void Main(string[] args)
{
    int a = 3, b = 4;
    Console.WriteLine(Test<int>(a, b));
}
```

**The output will be :**

a : 7

b : 8

c : 9

**d: Compile-time error**

**Q5: .** For the table named Products:

**Products ( Id int key, Name varchar(30) )**

*Records had inserted:*

**[ {1,'Milk'}, {2,'Coffee'} ]**

For the following program :

```
string strConnection =  
    @"server =(local);database=abc;uid=sa;pwd=123";  
string SQL = "select * from Products";  
SqlConnection cnn = new SqlConnection(strConnection);  
SqlCommand cmd = new SqlCommand(SQL, cnn);  
SqlDataReader rd = cmd.ExecuteReader();  
while (rd.Read()) {  
    Console.WriteLine(rd.GetString(1));  
}  
cnn.Close();
```

**The output will be :**

- a.Milk          Coffee
- b.Coffee        Milk
- c.Compiled-time error
- d.**Run-time error**



**Q6:** For the table named Products:

Products ( Id int key, Quantity int )

Records has inserted:

[ {1, 20 } , {2, 10} ]

For the following program :

```
string strConnection =  
    @"server=(local);database=abc;uid=sa;pwd=123";  
string SQL = "select * from Products";  
SqlConnection cnn = new  
    SqlConnection(strConnection);  
SqlCommand cmd = new SqlCommand(SQL, cnn);  
cnn.Open();  
SqlDataReader rd = cmd.ExecuteReader();  
Console.WriteLine(rd.FieldCount);  
cnn.Close();
```

**The output will be :**

- a. 2
- b. 1
- c. Compiled-time error
- d. Run-time error

**Q7.** For the following program :

```
class A{
    static A() {
        Console.Write("A");
    }
    public A()
    {
        Console.Write("B");
    }
    public void Print()
    {
        Console.Write("C");
    }
}
class Program {
    static void Main(string[] args)
    {
        new A().Print();
        Console.WriteLine();
    }
}
```

The output will be :

A: BAC

B: ABC

C: CAB

D: ACB



**Q8.** For the following program :

```
class A{
    int x = 1;
    public A() {
        x = 3;
    }
    public void Print()
    {
        Console.Write(x);
    }
}
class B : A
{
    int x;
    public B() {
        x = 5;
    }
}
class Program {
    static void Main(string[] args)
    {
        B b1 = new B();
        b1.Print();
        Console.WriteLine();
    }
}
```

The output will be :

**A: 3**

**B: 1**

**C: 5**

**D: An exception will be thrown.**

**Q9.** For the following program

```
class A{
    int x ;
    public A() {
        x = 3;
    }
    public void Print()
    {
        Console.Write(x);
    }
}
class B : A
{
    int x;
    public B() {
        x = 2;
    }
    public new void Print()
    {
        Console.Write(x);
    }
}
class Program {
    static void Main(string[] args)
    {
        A a = new B();
        a.Print();
        Console.WriteLine();
    }
}
```

The output will be :

A: 3

B: 2

C: Compile-time error

D: Run-time error

**Q10.** For the following program

```
class A{
    public void Print(){
        Console.Write("A");
    }
}
class B {
    public void Display(){
        Console.Write("B");
    }
}

class Program {
    delegate void test();
    static void Main(string[] args)
    {
        test t = new test(new A().Print);
        t += new B().Display;
        t();
        Console.WriteLine();
    }
}
```

The output will be :

A: AB

B: BA

C: Compile-time error.

D: An exception will be thrown.

**Q11.** For the following program

```
class A{
    public virtual void Print(){
        Console.Write("Hello");
    }
}
class B : A {
    public override void Print(){
        Console.Write("Hi");
    }
}
class Program {
    static void Main(string[] args)
    {
        A a = new B();
        a.Print();
        Console.ReadLine();
    }
}
```

The output will be :

A: Hi

B: Hello

C: Error because can not assign an instance of B to a

D: The output will be “Hi” if replace “override” by “new” keyword

**Q12.** For the following program

```
public delegate void SimpleDelegateHandler(int x);
class Program {
    int s = 0;
    public event SimpleDelegateHandler myEvent;
    public void run(int n) {
        myEvent += delegate (int x) {
            s = x * x;
        };
        myEvent += delegate {
            Console.WriteLine("{0}",s);
        };
        myEvent(n);
    }
    static void Main(string[] args)
    {
        new Program().run(3);
        Console.ReadLine();
    }
}
```

The output will be :

A: 9

B: 0

C: 3

D: An exception will be thrown.

### Q13.

Which of the following statement to view Win32 File Header of MathLibrary.dll ?

- a. `dumpbin /headers MathLibrary.dll`
- b. `dumpbin /head MathLibrary.dll`
- c. `dumpbin /clr MathLibrary.dll`
- d. `dumpbin /headview MathLibrary.dll`

**Q14.**

Which of the following are members in the assemblies ?

1. Manifest
  2. CIL code
  3. Type metadata
  4. Media Resources
  5. Machine code
- a. 1, 3 , 4 & 5
- b. 1 , 2 & 5
- c. 2, 3 & 4
- d. 1, 2 & 3