

BC-BS-23-JAVA-TQ1

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* Indicates required question

Quiz Section

Total Questions 20. Select One right answer for each question.

*

What would happen if one parameterized constructor is explicitly defined, but no default constructor is provided ?

- ☐ Compilation succeeds
- ☒ While creating object with no parameter, it throws compilation error ✓
- ☐ Compilation error
- ☐ Runtime error

*

Default value of variable having boolean data type is _____.

- ☐ garbage
- ☒ FALSE ✓
- ☐ TRUE
- ☐ null



*

Which are also known as inner classes?

- ☐ Static nested class
- ☐ Nested class
- ☒ Non-static nested class ✓
- ☐ None of these

*

Output of this program is :

```
public class PolymorphismDemoClass2 {  
    void m1(String x){  
        System.out.print("One ");  
    }  
    void m1(String x, String y){  
        System.out.print("Two ");  
    }  
    public static void main(String[] args){  
        PolymorphismDemoClass2 obj = new PolymorphismDemoClass2();  
        obj.m1("ABC");  
        obj.m1("PQR ", "XYZ ");  
    }  
}
```

- ☐ Compile time error
- ☐ Runtime error
- ☐ Two One
- ☒ One Two ✓



*

Output of this program is :

```
public class Demo {  
    void add(int x, int y){  
        System.out.print("1. Addition is: " +(x+y));  
    }  
    void add(int y, int x){  
        System.out.print("2. Addition is: " +(x+y));  
    }  
    public static void main(String[] args){  
        Demo obj = new Demo();  
        obj.add(20,30);  
    }  
}
```

- ☐ 2. Addition is: 50
- ☐ 1. Addition is: 50
- ☒ Compile time error ✓
- ☐ 1. Addition is: 50 2. Addition is: 50

*

What is the correct way to create an object called myObj of MyClass?

- ☒ MyClass myObj = new MyClass(); ✓
- ☐ class myObj = new MyClass();
- ☐ class myObj = new myclass();
- ☐ MyClass myobj = new MyClass();



*

Which statement is true?

```
int odd = 1;  
if(odd) {  
    System.out.println("odd");  
}  
else {  
    System.out.println("even");  
}
```

- ☐ "odd" will always be output.
- ☐ "even" will always be output.
- ☒ Compilation error. ✓
- ☐ output depends on the odd and even values of variable odd.

*

Which can be the return type of a constructor from the following options?

- ☐ void
- ☐ float
- ☐ All of these
- ☒ None of these ✓
- ☐ int



*

What will be the output of the following code snippet?

```
int a=15;  
int b=25;  
if((a < b) || (a = 25) > 15)  
    System.out.println(a);  
else  
    System.out.println(b);
```

- ☐ Error
- ☐ 25
- ☒ 15 ✓
- ☐ No output

*

What is true about constructor?

- ☐ It can have any non access modifiers
- ☒ It can take any number of parameters ✓
- ☐ It can contain return type
- ☐ Constructor cannot throw an exception



*

What will be the output of the program?

```
int x, y;  
x=15, y=20;  
if(x>15)  
if(y>15)  
System.out.println("y is "+y);  
else  
System.out.println("x is "+x);
```

- ☐ Error
- ☐ x is 15
- ☒ No output ✓
- ☐ y is 20

*

Which of the following is smallest integer data type?

- ☐ int
- ☒ byte ✓
- ☐ short
- ☐ long



*

What will be the output of the following java code ?

```
class area{  
    int wid;  
    int len;  
    area(int wid, int len){  
        this.wid = wid;  
        len=this.len;  
    }  
    public static void main(String a[]){  
        area ob=new area(5,6);  
        System.out.print(ob.len+" "+ob.wid);  
    }  
}
```

- ☐ 6, 5
- ☒ 0, 5 ✓
- ☐ 0, 0
- ☐ 5, 6



*

What is the output of this program?

```
class selection_statements {  
    public static void main(String args[]) {  
        int var1 = 5;  
        int var2 = 6;  
        if ((var2 = 1) == var1)  
            System.out.print(var2);  
        else  
            System.out.print(++var2);  
    }  
}
```

- ☐ 1
- ☐ 4
- ☒ 2 ✓
- ☐ 3

*

Which of the following is not a use of "this" keyword in java ?

- ☐ Calling another constructor in constructor chaining
- ☒ Passing itself to method of the same class ✓
- ☐ Referring to the instance variable when local variable has the same name
- ☐ Passing itself to another method ✓



*


Which of the following statements are correct about the constructor ?

A. default constructor is called at the time of object declaration

B. constructor can be parameterized

C. constructor can return a value

D. constructor can be overloaded

☒ B, C, D 

☐ C, D, A

☐ A, B, C

☐ B, D, A 


*

What will be the output of the following java program ?

```
class bitwise {  
    public static void main(String ar[]){  
        int a = 3;  
        int b = 9;  
        a = b | a;  
        b = a & b;  
        System.out.println(b + ", " + a);  
    }  
}
```

☐ 3, 11

☐ 11, 9

☒ 9, 11 

☐ 11, 3



*

Which of these statements is incorrect ?

- ☐ << operator shifts all of the bits in a value to the left specified number of times
- ☐ << operator can be used as an alternative to multiplying by 2
- ☒ >> operator automatically fills the higher order bits with 0 ✓
- ☐ >> operator shifts all of the bits in a value to the right specified number of times

*

In java, "this" keyword is used to:

- ☐ Return current class object.
- ☐ Refer current class object.
- ☐ Pass as an argument to a method.
- ☒ All are correct. ✓

*

What is the output of relational operators?

- ☐ Integer
- ☒ Boolean ✓
- ☐ Characters
- ☐ Double

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