

OOPJ CCEE Practice Quiz III

Total points 15/20 ?

The respondent's email (**pratyushmahajan06@gmail.com**) was recorded on submission of this form.

0 of 0 points

Centre *

Kharghar ▼

12 Digit PRN *

240840320076

Full Name *

Pratyush Mahajan

Questions

15 of 20 points



✓ public class Main{

*

1/1

```
    static String name = "Ramesh";
```

```
    public Main(){  
        name = "Prabhas";  
    }
```

```
    public static void main(String[] args){  
        System.out.println("The name is " + name);  
    }  
}
```

- ☐ Prabhas
- ☒ The name is Ramesh
- ☐ No Output
- ☐ Run-time error

✓

✓ What happens if you try to unbox a 'null' reference in Java? *

1/1

- ☐ It throws a `ClassCastException`
- ☐ It returns `null`
- ☐ It returns the default value for the wrapper class
- ☒ It throws a `NullPointerException`

✓



✗ Which of the following exception must be either caught or declared to be thrown in Java? *0/1

- ☐ NullPointerException
- ☐ ArrayIndexOutOfBoundsException
- ☐ FileNotFoundException
- ☒ ArithmeticException



Correct answer

- ☒ FileNotFoundException

✓ Which access modifier restricts access of a class member to only its subclasses and classes in the same package? *1/1

- ☐ Private
- ☐ Default
- ☐ Public
- ☒ Protected



✓ Aggregation is which of the following? * 1/1

- ☒ Expresses a part-of relationship and is a stronger form of an association relationship. ✓
- ☐ Expresses a part-of relationship and is a weaker form of an association relationship.
- ☐ Expresses an is-a relationship and is a stronger form of an association relationship.
- ☐ Expresses an is-a relationship and is a weaker form of an association relationship.



✓ Which of these inheritances is shown in case we inherit some base class *1/1
from another class, then one of the classes derives it?

- ☐ Single
- ☐ Multiple
- ☒ Multi-level
- ☐ Hierarchical



✓ public class Test

*

1/1

```
{
    public static void main(String[] args)
    {
        try
        {
            System.out.printf("1");
            int data = 5 / 0;
        }
        catch(ArithmeticException e)
        {
            Throwable obj = new Throwable("Sample");
            try
            {
                throw obj;
            }
            catch (Throwable e1)
            {
                System.out.printf("8");
            }
        }
        finally
        {
            System.out.printf("3");
        }
        System.out.printf("4");
    }
}
```

☐ Compilation error

☐ Runtime error

☒ 1834

☐ 134

✓



✓ In relation to abstraction, what does an abstract method represent? * 1/1

- ☐ A method with a detailed implementation
- ☐ A method that is complete and cannot be overridden
- ☒ A method with no body, meant to be overridden in derived classes ✓
- ☐ A method that cannot be used in an interface

✓ public class Test * 1/1

```
{
    public int a=0;
    class innerClass
    {
        public int a=1;
        void innermethod(int x)
        {
            System.out.println("value of x = " + x);
            System.out.println("value of this.x = " + this.x);
            System.out.println("value of Test.this.x = " + Test.T=this.x);
        }
    }
}
public static void main( String args[] )
{
    Test t=new Test();
    Test.innerClass im=t.new innerClass();
    im.innermethod(55);
}
```

- ☐ value of x = 55, value of this.x = 0, value of Test.this.x = 1
- ☐ value of x = 1, value of this.x = 0, value of Test.this.x = 55
- ☒ value of x = 55, value of this.x = 1, value of Test.this.x = 0 ✓
- ☐ value of x = 0, value of this.x = 55, value of Test.this.x = 1



✓ Which of the following is true about the anonymous inner class? *

1/1

- ☐ It has only methods
- ☐ Objects can't be created
- ☐ It has a fixed class name
- ☒ It has no class name



✗ Which of the following statements are incorrect? *

0/1

- ☐ Variables declared as final occupy memory
- ☐ final variable must be initialized at the time of declaration
- ☒ Arrays in java are implemented as an object
- ☐ All arrays contain an attribute-length which contains the number of elements stored in the array



Correct answer

- ☒ Variables declared as final occupy memory



✓ class One{
 public static void print(){
 System.out.println("1");
 }
}

*

1/1

class Two extends One{
 public static void print(){
 System.out.println("2");
 }
}

public class Test{
 public static void main(String args[]){
 One one = new Two();
 one.print();
 }
}

☐ 2☒ 1

✓

☐ Compile-time error☐ Run-time error

✗ public class MyClass {
 private int number = 10;

 public void display() {
 System.out.println(number);
 }
}

public class Main {
 public static void main(String[] args) {
 MyClass obj = new MyClass();
 System.out.println(obj.number);
 }
}

*

0/1

- ☐ 10
- ☒ Error: Access Denied
- ☐ 0
- ☐ Compilation Error

✗

Correct answer

- ☒ Compilation Error

✓ An interface with no fields or methods is known as a _____. *

1/1

- ☐ Runnable Interface
- ☒ Marker Interface
- ☐ Abstract Interface
- ☐ CharSequence Interface

✓



✓ What is the return type of the hashCode() method in the Object class? * 1/1

- ☐ Object
- ☒ int
- ☐ long
- ☐ void



✓ How to create object of the inner class? * 1/1

- ☒ OuterClass.InnerClass innerObject = outerObject.new InnerClass();
- ☐ OuterClass.InnerClass innerObject = new InnerClass();
- ☐ InnerClass innerObject = outerObject.new InnerClass();
- ☐ OuterClass.InnerClass = outerObject.new InnerClass();



✓ Which of the following is a generic class in Java? * 1/1

- ☐ `HashMap`
- ☐ `Integer`
- ☐ `String`
- ☒ `ArrayList`



✗ public class A *

```
{
    public void toString()
    {
        System.out.println("Obj");
    }
    public static void main(String[] args)
    {
        A a = new A();
        a.toString();
    }
}
```

0/1

- ☐ Compilation Error
- ☐ Main@2a139a55
- ☒ Obj
- ☐ Runtime Error

✗

Correct answer

- ☒ Compilation Error



✓ public class Test {
public static void main(String[] args) {
int count = 1;
while (count <= 15) {
System.out.println(count % 2 == 1 ? "***" : "+++++");
++count;
}
}
}

*

1/1

- ☐ 15 times ***
- ☐ 15 times +++++
- ☒ 8 times *** and 7 times +++++
- ☐ Both will print only once



✗ public class MyFirst {
 public static void main(String[] args) {
 MyFirst obj = new MyFirst(n);
 }
 static int a = 10;
 static int n;
 int b = 5;
 int c;
 public MyFirst(int m) {
 System.out.println(a + ", " + b + ", " + c + ", " + n + ", " + m);
 }
 {
 b = 30;
 n = 20;
 }
 static
 {
 a = 60;
 }
}

*

0/1

☒ 10, 5, 0, 20, 0

✗

☐ 10, 30, 20

☐ 60, 5, 0, 20

☐ 60, 30, 0, 20, 0

Correct answer

☒ 60, 30, 0, 20, 0

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