

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Given classes defined in two different files:

```
1. package p1;  
2. public class Test {  
3.     public static void display(String [] a) { /* some code */ }  
4. }
```

```
1. package p2;  
2. public class TestMain {  
3.     public static void main(String[] args) {  
4.         String [] names = new String[10];  
5.         // insert code here  
6.     }  
7. }
```

Identify the statement to be written in line 5 in class TestMain to call the display method of class Test.

Select one:

- ☒ p1.Test.display(names); ✓
- ☐ import p1.Test.*; display(names);
- ☐ TestMain cannot use methods in p1
- ☐ display(names);
- ☐ p1.display(names);

Question 2

Correct

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Which of the following is not a Java modifier?

Select one:

- ☐ protected
- ☐ private
- ☐ public
- ☒ virtual ✓

Question 3

Correct

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What is the outcome of the code?

```
public class Item {  
    private String description;  
  
    public String getDescription() {  
        return description;  
    }  
  
    public void setDescription(String description) {  
        this.description = description;  
    }  
  
    public static void modifyDesc(Item item,String desc) {  
        item=new Item();  
        item.setDescription(desc);  
    }  
  
    public static void main(String[] args) {  
        Item it=new Item();  
        it.setDescription("Gobstopper");  
        Item it2=new Item();  
        it2.setDescription("Fizzylifting");  
        it.modifyDesc(it,"Scrumdiddlyumptious");  
        System.out.println(it.getDescription());  
        System.out.println(it2.getDescription());  
    }  
}
```

Select one:

- ☐ Compilation fails
- ☒ Gobstopper
Fizzylifting ✓
- ☐ Scrumdiddlyumptious
Fizzylifting
- ☐ Scrumdiddlyumptious
- ☐ Gobstopper
Scrumdiddlyumptious

Question 4

Correct

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Flag question

```
Integer x1 = new Integer(120);  
int x2 = 120;  
System.out.println( x1 == x2 );
```

What will be the output of the above code fragment?

Select one:

- ☒ true ✓
- ☐ false
- ☐ Compilation Error
- ☐ Runtime Exception
- ☐ CastException

Question 5

Correct

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Flag question

Predict the output.

```
class X
{
    void display(int a)
    {
        System.out.println("INT");
    }

    void display(double d)
    {
        System.out.println("DOUBLE");
    }
}

public class Sample
{
    public static void main(String[] args)
    {
        new X().display(100);
    }
}
```

Select one:

- ☐ DOUBLE
- ☐ Ambiguity error
- ☒ INT ✓
- ☐ Compilation Fails

Question 6

Correct

Mark 1.00 out of 1.00

Flag question

Given:

```
public class Message {
    String msg;
    int noOfWords;
    public Message() {
        msg += " Thank you";
    }
    public Message(int noOfWords) {
        this.noOfWords = noOfWords;
        msg = "Welcome";
        Message();
    }
    public static void main(String args[]) {
        Message m = new Message(5);
        System.out.println(m.msg);
    }
}
```

What will be the output ?

Select one:

- ☐ An exception is thrown at runtime
- ☐ Welcome
- ☐ The code runs with no output
- ☐ Welcome Thank you 5
- ☐ Welcome Thank you
- ☒ Compilation fails ✓

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

What is the output of following Java Program?

```
class Test {  
    int x = 10;  
    public static void main(String[] args) {  
        System.out.println(x);  
    }  
}
```

Select one:

- ☒ Compile Time Error ✓
- ☐ Runtime Exception
- ☐ 10
- ☐ 0

Question 8

Correct

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Flag question

The methods of a class with the _____ access specifier cannot be accessed in another class of different package.

Select one:

- ☐ public
- ☐ private
- ☒ default ✓
- ☐ protected