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**Started on** Friday, 22 April 2022, 12:03 PM

**State** Finished

**Completed on** Friday, 22 April 2022, 12:18 PM

**Time taken** 15 mins

**Grade** 6.00 out of 10.00 (60%)

### Question 1

Correct

Mark 1.00 out of

1.00

Find the output of the java program.

```
public class Main
{
    public static void main(String[] args)
    {
        byte b=5; byte c=b+++1;
        System.out.println(c);
    }
}
```

Select one:

- ☐ a. 7
- ☒ b. None of these ✓
- ☐ c. 5
- ☐ d. 6

### Question 2

Correct

Mark 1.00 out of

1.00

Which of these data types is immutable?

Select one:

- ☐ a. StringBuffer
- ☐ b. char []
- ☒ c. Double ✓
- ☐ d. int []

### Question 3

Correct

Mark 1.00 out of

1.00

What is the output of the following code?

```
class Animal {
    Animal() {
        System.out.println("Animal");
    }
}
class Wild extends Animal{
    Wild() {
        System.out.println("Wild");
        super();
    }
}
public class Test {
    public static void main(String args[]) {
        Wild wild = new Wild();
    }
}
```

Select one:

- ☐ a. Animal
- ☐ b. Animal  
Wild
- ☒ c. Error ✓
- ☐ d. Wild  
Animal

#### Question 4

Incorrect

Mark 0.00 out of

1.00

Find the output of the following program

```
class Parent
{
    Parent()
    {
        System.out.println("Inside parent constructor");
    }
}
class Child extends Parent
{
    int i;
    Child(int a)
    {
        i=a;
    }
}
class Main
{
    public static void main(String[] args)
    {
        Child c=new Child(8);
        System.out.println(c.i);
    }
}
```

Select one:

- ☐ a.  
8  
Inside parent constructor
- ☐ b.  
Inside parent constructor  
8
- ☐ c. 8
- ☒ d. Compile error ❌

**Question 5**

Correct

Mark 1.00 out of

1.00

What is the output of the following code?

```
class Person{
    public int number;
}

public class Test{
    public void doIt(int i , Person p){
        i = 5;
        p.number = 8;
    }

    public static void main(String args[]){
        int x = 0;
        Person p = new Person();
        new Test().doIt(x, p);
        System.out.println(x + " " + p.number);
    }
}
```

Select one:

- ☐ a. 5 8
- ☒ b. 0 8 ✓
- ☐ c. 5 0
- ☐ d. 0 0

### Question 6

Correct

Mark 1.00 out of

1.00

What is the output of the following code?

```
class Test{
    public int display(int x, int y){
        return ("The sum of x and y is " + x + y);
    }

    public static void main(String args[]){
        Test test = new Test();
        System.out.println(test.display(4,5));
    }
}
```

Select one:

- ☐ a. The sum of x and y is 45
- ☒ b. Error during compilation ✓
- ☐ c. The sum of x and y is 9
- ☐ d. None of these

### Question 7

Correct

Mark 1.00 out of

1.00

Choose the incorrect statement

Select one:

- ☐ a. None of the above.
- ☐ b. A private member of a class cannot be accessed from its derived class.
- ☐ c. A public member of a class can be accessed in all the packages.
- ☐ d. A protected member of a class can be accessed from its derived class.
- ☒ e. A private member of a class cannot be accessed by the methods of the same class. ✓

**Question 8**

Incorrect

Mark 0.00 out of

1.00

Find the output of the following program

```
public class Main {  
    static void fun(int c, int i)  
    {  
        System.out.println("Inside first method");  
        System.out.println(c+" "+i);}  
    static void fun(int c, float i)  
    {  
        System.out.println("Inside Second method");  
        System.out.println(c+" "+i);}  
    public static void main(String[] args)  
    {fun('B',100L);}  
}
```

Select one:

- ☒ a. Compile error ❌
- ☐ b. 66 100
- ☐ c. B 100
- ☐ d. 66 100.0

**Question 9**

Incorrect

Mark 0.00 out of

1.00

Which is not the correct syntax to declare a variable in Java?

Select one:

- ☐ a. float f=5.5;
- ☐ b. int Float=6;
- ☒ c. short s= 'A'; ❌
- ☐ d. var x=5.5;

**Question 10**

Incorrect

Mark 0.00 out of

1.00

What is the output of the following code?

```
public class Profile {  
    private Profile(int w) { // line 1  
        System.out.print(w);  
    }  
    public static Profile() { // line 5  
        System.out.print (10);  
    }  
    public static void main(String args[]) {  
        Profile obj = new Profile(50);  
    }  
}
```

Select one:

- ☐ a. Error as constructor cannot be static
- ☐ b. 10 50
- ☒ c. Error as constructor cannot be private ✖
- ☐ d. 10