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Started on Monday, 25 April 2022, 4:55 PM

State Finished

Completed on Monday, 25 April 2022, 5:10 PM

Time taken 14 mins 37 secs

Grade 6.00 out of 10.00 (60%)

Question 1

Correct

Mark 1.00 out of

1.00

What is the output of the following?

```
public class Main{

    public static void main(String[] args){
        int a = 0;
        a+=5;
        switch(a) {

            case 5: System.out.print("5");
            case 10: System.out.print("10");break;
            default: System.out.print("0");

        }

    }

}
```

Select one:

- ☒ a. 510 ✓
- ☐ b. 5
- ☐ c. 0
- ☐ d. 10

Question 2

Incorrect

Mark 0.00 out of

1.00

Find the output of the java program.

```
public class Main
{
    static void swap(Integer a, Integer b)
    {
        Integer c=a;
        a=b;
        b=c;
    }
    public static void main(String[] args)
    {
        Integer a=5; Integer b=3;
        swap(a,b);
        System.out.println(a+" "+b);
    }
}
```

Select one:

- ☒ a. Compile Error ❌
- ☐ b. 5 5
- ☐ c. 3 5
- ☐ d. 5 3

Question 3

Correct

Mark 1.00 out of

1.00

Write the output of the following code

```
class X
{
    int i=2;
}
class Y extends X
{
    int i=5;
}
class Main
{
    public static void main(String[] args)
    {
        X o=new Y();
        Y a=(Y)o;
        System.out.println(a.i);
    }
}
```

Select one:

- ☐ a. 2
- ☐ b. 0
- ☒ c. 5 ✔️
- ☐ d. Compile time error

Question 4

Correct

Mark 1.00 out of

1.00

Find the output of the following program

```
public class Main {  
    public static void main(String[] args)  
    {  
        final double a=5.5; final int c=5;  
        do  
        {  
            System.out.print("Bennett ");  
            while (a>c);  
            System.out.println("University");  
        }  
    }  
}
```

Select one:

- ☐ a. University
- ☒ b. Compile error ✓
- ☐ c. Bennett (*will print Bennett infinite times*)
- ☐ d. Bennett University

Question 5

Incorrect

Mark 0.00 out of

1.00

What is the output?

```
class Alpha {  
    String getType() {  
        return "alpha";  
    }  
}  
class Beta extends Alpha {  
    String getType() {  
        return "beta";  
    }  
}  
public class Gamma extends Beta {  
    String getType() {  
        return "gamma";  
    }  
    public static void main(String[] args) {  
        Gamma g1 = new Alpha();  
        Gamma g2 = new Beta();  
        System.out.println(g1.getType() + " "  
            + g2.getType());  
    }  
}
```

Select one:

- ☐ a. Error
- ☐ b. Alpha
- ☐ c. Beta
- ☒ d. Gamma ✖

Question 6

Correct

Mark 1.00 out of

1.00

What will be the output of the following ?

```
public static void sum(int a, int b) {  
    System.out.print(a+b);  
}  
  
public static void main(String[] args) {  
    sum(0,0);  
    sum(-1,-1);  
}
```

Select one:

- ☐ a. -2
- ☐ b. 0-1
- ☒ c. 0-2 ✓
- ☐ d. 00

Question 7

Incorrect

Mark 0.00 out of

1.00

Which is not true about method overloading in java?

Select one:

- ☐ a. Overloaded methods have same name
- ☐ b. Overloading of method does not depend on return type.
- ☒ c. Type signature of the overloaded methods are different. ✗
- ☐ d. Overloaded methods must be defined in the same class.

Question 8

Incorrect

Mark 0.00 out of

1.00

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

Select one:

- ☒ a. char c=12345; ✗
- ☐ b. char c=123456;
- ☐ c. char c=77;
- ☐ d. char c= ('a'+2*5)/2;

Question 9

Correct

Mark 1.00 out of

1.00

What will be the output of the following code:

```
public class Main
{
    private int a;
    public Main() {

    }
    public Main(int temp) {
        a = -10;
    }

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

Select one:

- ☐ a. Error
- ☒ b. 0 ✓
- ☐ c. Garbage Value
- ☐ d. -10

Question 10

Correct

Mark 1.00 out of

1.00

Predict the output of the following code:

```
public class Main
{
    public static void main(String[] args) {

        int arr[] = {1,2,3,4,5};

        for(int i = 0 ; i<5; i++){
            System.out.print(arr[i++]);
        }

    }
}
```

Select one:

- ☐ a. 24
- ☐ b. 12345
- ☐ c. 123
- ☒ d. 135 ✓