Assignment 12

The due date for submitting this assignment has passed.

Due on 2020-12-09, 23:59 IST.

Assignment submitted on 2020-12-09, 00:25 IST
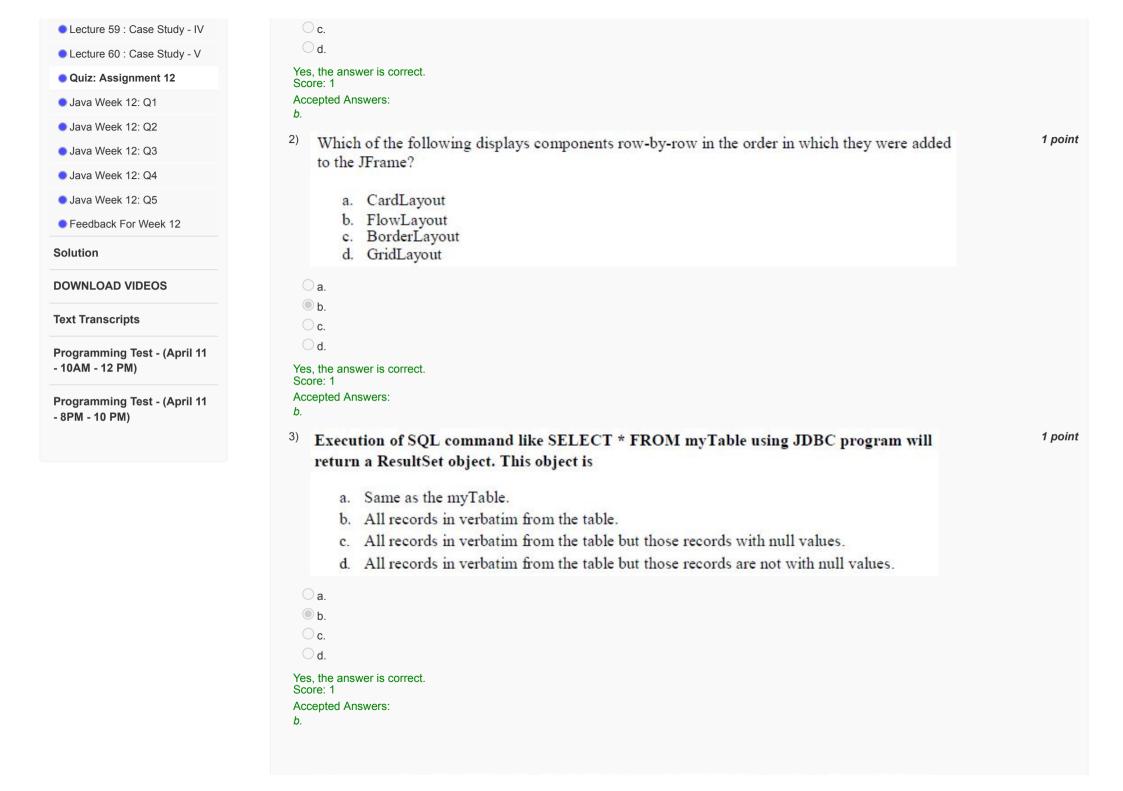
1) Let's consider the following program in Java.   *1 point*

```
class Test extends Thread {
publicvoid run() {
        System.out.println("I am from Run…");
}
}


class MyProgram {
public  static void main(String[] args) {
        Test t = new Test();
        t.start();
    }
}
```

If you run this program the how many threads will be executed altogether?

a.   One thread only.
b.   Two threads only.
c.   Three threads only.
d.   No thread will run in this case.

○ a.
◉ b.

○ c.

○ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

2) Which of the following displays components row-by-row in the order in which they were added to the JFrame?   **1 point**

    a. CardLayout
    b. FlowLayout
    c. BorderLayout
    d. GridLayout

○ a.

◉ b.

○ c.

○ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

3) **Execution of SQL command like SELECT * FROM myTable using JDBC program will return a ResultSet object. This object is**   **1 point**

    a. Same as the myTable.
    b. All records in verbatim from the table.
    c. All records in verbatim from the table but those records with null values.
    d. All records in verbatim from the table but those records are not with null values.

○ a.

◉ b.

○ c.

○ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

Which of the following method is used to set a frame, say f with size 300 × 200 pixels?

```
JFrame f = newJFrame();

a. f.setSize(300, 200);
b. f.setSize(200, 300);
c. f.paint(300, 200);
d. f.setVisible(300, 200);
```

- ⦿ a.
- ◯ b.
- ◯ c.
- ◯ d.

Yes, the answer is correct.
Score: 1
Accepted Answers:
a.

Which of the following control expressions are valid for an **if** statement?

   a.   Any integer expression.
   b.   Any Boolean expression.
   c.   A String object.
   d.   Any expression with mixed arithmetic.

- ☐ a.
- ☑ b.
- ☐ c.
- ☐ d.

Partially Correct.
Score: 0.5
Accepted Answers:
a.
b.

6) Consider the following program:

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

                String str = "january java nptel.";

                System.out.println(str.length());
        }
}
```

What is the output of the following program?

```
a. 18
b. 15
c. 19
d. 17
```

○ a.

○ b.

◉ c.

○ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
c.

7) Consider the following program:

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

                String str = "january java nptel.";

                        System.out.println(str.charAt(8)+str.substring(9, 12));
                }
        }
}
```

What is the output of the following program?

```
a. java
b. ava
c. javanptel
d. january
```

- ⦿ a.
- ○ b.
- ○ c.
- ○ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
a.

8) **Which of the following statements would NOTcause a compilation error?**

```
a. float[] = new float(3);
b. float f2[] = new float[];
c. float[] f1 = new float[3];
d. float f3[] = new float[3];
e. float f5[]={ 1.0f, 2.0f, 2.0f };
f. float f4[] = new float[] { 1.0f, 2.0f, 3.0f};
```

- ☐ a.
- ☐ b.
- ☑ c.
- ☑ d.

☑ e.

☑ f.

Accepted Answers:

c.

d.

e.

f.

9) **Consider the following piece of code in Java.**   *1 point*

```java
public class Test {
  public static void aMethod()  throws Exception {
    try {
      throw new Exception();
    }
    finally {
      System.out.print("finally ");
    }
  }
  public static void main(String args[]){
    try {
      aMethod();
    }
    catch (Exception e) {
      System.out.print("exception ");
    }
    System.out.print("finished ");
  }
}
```

What is the result, if the above-mentioned program is executed?

a. finally

b. exception finished

c. finally exception finished

d. Compilation fails

○ a.

○ b.

◉ c.

○ d.

10) **Which of the statements are correct about Swing programming?**   *1 point*

    a. AWT is a heavyweight programming.
    b. Swing is heavyweight programming.
    c. Swing is lightweight programming.
    d. Both AWT and Swing are lightweight programming

- ○ a.
- ○ b.
- ● c.
- ○ d.