

CS506 (Web Design and Development)

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Question No : 1 of 33

ResultSetMetaData object can be derived from _____ object.

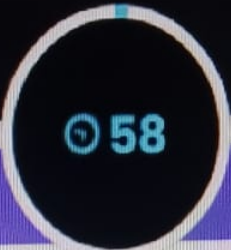
Answer

☐ Connection

☐ Statement

☒ ResultSet

☐ PreparedStatement



Question No : 2 of 33

Marks: 1 (Time 1Min)

Which of the following is a correct syntax for implementing WindowListener and MouseListener interfaces in a class named GUI?

Answer

☒ public class GUI implements WindowListener implements MouseListener

☐ public class GUI implements WindowListener, MouseListener

☐ public class GUI implement WindowListener, MouseListener

☐ public class GUI implements WindowListener MouseListener

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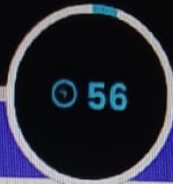




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Marks: 1 (Time 1 Min) !

Which of the following access modifier is provided by default if no access modifier is written explicitly with data members or methods?

Answer

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



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Question No : 4 of 33

Consider the following code segment.

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

What type of error can occur in the above code segment?

Answer

Local variable not initialized

Cannot find symbol

Null Pointer exception

No Such Method error



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Question No : 5 of 33

An exception in java is represented as a/an _____.

Answer

☐ Operator

☒ Object

☐ Function

☐ Primitive data type

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Question No : 6 of 33

Border Layout divides the area into _____ regions.

Answer

☐ Three☐ Four☒ Five☐ Six

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Question No : 7 of 33

Which of the following feature is not included in Java?

Answer

☐ Inheritance☐ Polymorphism☒ Pointer manipulation☐ Data encapsulation

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Question No : 8 of 33

JDBC-ODBC stands for:

Answer

☒ Java DataBase Connectivity- Open DataBase Connectivity

☐ Java DataBase Connectivity- Oracle DataBase Connectivity

☐ Java DataBase Corporation- Open DataBase Corporation

☐ Java DataBase Corporation- Oracle DataBase Corporation



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Question No : 3 of 33

ODBC stands for _____.

Answer

☐ Open Database Communication

☐ Open Database Connection

☒ Open Database Connectivity

☐ Open Database Commission

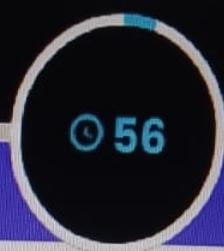
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Question No : 10 of 33

What does the following code draw?

```
g.setColor(Color.black);  
g.drawLine(10, 10, 10, 50);  
g.setColor(Color.RED);  
g.drawRect(100, 100, 150, 150);
```

Answer

- ☐ A red vertical line that is 40 pixels long and a red square with sides of 150 pixels
- ☐ A black vertical line that is 40 pixels long and a red square with sides of 150 pixels
- ☒ A black vertical line that is 50 pixels long and a red square with sides of 150 pixels
- ☐ A red vertical line that is 50 pixels long and a red square with sides of 150 pixels

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Question No : 11 of 33

If there is a java class named as "Student", then the file name must be _____.

Answer

☐ Student.java

☐ Student_File.java

☒ student.java

☐ Any name

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Question No : 12 of 33

_____ Method is used to specify the layout manager for a container.

Answer

☒ setLayout

☐ getLayout

☐ settingLayout

☐ setLayer

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Question No : 13 of 33

ArrayList is also like a _____ array.

Answer

- ☐ Repeatable
- ☐ Renewable
- ☒ Resizable
- ☐ Reliable



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Question No : 14 of 33

Which of the following streams can be categorized based on their functionality?

Answer

☐ Byte oriented stream and Node stream

☐ Filter stream and Character oriented stream

☐ Byte oriented stream and Character oriented stream

☒ Node stream and Filter stream

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Question No : 15 of 33

JVM puts the events generated by the event generator in a _____.

Answer

☐ Stack☒ Queue☐ List☐ Hash table Finish Exam Flag

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Marks: 1 (Time)

If we want to handle mouse Movement or mouse drag. Which of the following interfaces do we need to implement?

Answer

☒ MouseMotionListener

☐ MouseListener

☐ MouseDragged

☐ MouseMoved

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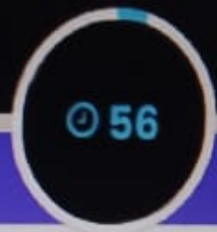


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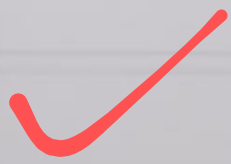


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CREATE TABLE, DROP TABLE, and ALTER TABLE, etc are _____.

Answer

- ☐ DML statements
- ☒ DDL statements
- ☐ DCL statements
- ☐ Both DML statements and DCL statements





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Question No : 18 of 33

The JDBC API is highly helpful in communication with a database and contains a number of _____

Answer

☐ Interfaces only

☐ Classes only

☒ Objects

☐ Both interfaces and classes



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Question No : 19 of 33

In java program, index of the Result set starts from _____.

Answer

☐ 0

☐ Any number

☐ -1

☒ 1





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Question No : 20 of 33

Which of the following keywords is used by a class to use a previously defined interface?

Answer

☐ Import

☐ Extend

☐ Implements

☐ Use



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Question No : 21 of 33

JVM could be able to call the main method by using the _____ access modifier.

Answer

☐ Public

☐ Private

☐ Protected

☐ Default

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Question No : 22 of 33

In java program, if we call the ResultSet method "absolute (-4)", the cursor _____

Answer

- ☐ Will move to next-to-last row
- ☐ Will move three steps back-to-last row
- ☐ Will give error
- ☐ Will move to last row

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Question No : 23 of 33

Which of the following syntax is used to create a DataBaseMetaData object?

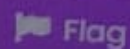
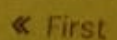
Answer

☐ DataBaseMetaData db = con.getMetaData(); // where con is a Connection object

☒ DataBaseMetaData db = rs.getMetaData(); // where rs is a ResultSet object

☐ DataBaseMetaData db = stmt.getMetaData(); // where stmt is a Statement object

☐ DataBaseMetaData db=rsmd.getMetaData(); // where rsmd is ResutSetMetaData ob

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Question No : 24 of 33

To include graphics in your program, it is mandatory to extend your program from _____

Answer

☐ Frame

☒ JPanel

☐ JButton

☐ Panel

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Question No : 25 of 33

Which of the following is true about AWT and SWING components?

Answer

- ☒ AWT components create a process whereas SWING components create a thread
- ☐ Both AWT and SWING components create a thread
- ☐ Both AWT and SWING components create a process
- ☐ AWT components create a thread whereas SWING components create a process

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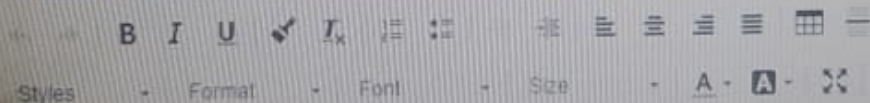
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Identify Event generator and Event handlers from the following list and fill the table with appropriate item.

1. Buttons
2. WindowListener
3. Mouse
4. FocusListener
5. ItemListener
6. Key

Event	Name
Event Generator	
Event Handlers	

Answer



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Marks: 1 (Time 11

WindowAdapter class implements the WindowListener interface and provides the definition of all methods inside _____

Answer

☒ WindowListener interface

☐ Outer Class

☐ Inner Class

☐ WindowAdapter class

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- JVM should be able to call main method.
- JRE could call main method without creating an object.
- Main method does not return anything.
- Main method must have command line arguments.
- String "ABCDEFGG" should be displayed.

```
public class AlphabeticalWords {
    ..... main(String.....) {
    .....;
}
}
```

Answer





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Question No : 30 of 33

Marks: 3 (Time 6 Min) !

Write statements of resultset operation to Update employeeName as "Farhan" where employeeId = 2 and employeeName as "Zara" where employeeId = 1. Resultset is given below.

Result Set: Employees

employeeId	employeeName
1	Zia
2	Ali

Answer

Rich text editor toolbar with options: Bold (B), Italic (I), Underline (U), Checkmark, Text color (T), Background color, Bulleted list, Numbered list, Decrease indent, Increase indent, Table, Link, Unlink, Styles, Format, Font, Size, Font color (A), Background color (A), and a link icon.

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Marks: 5 (Time 10 Min)

A simple java program is given, which will take three values as command line arguments and print the largest value on console. You are required to complete missing code.

```
public class CmdLineArgsApp {  
    public static void main(String[ ] cmdLineArgs){  
  
        // Write your code here  
  
    } //end main  
} //end class.
```

Answer

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