

# Professional Online Academy Vu Topper RM



## CS506-Web Design And Development Update MCQ'S Mid Term



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**Question No:1**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is NOT true for java inner classes?

- A. Can have Methods
- B. Can have constructors
- C. Can have instance variables

**D. Generally used as public utility classes**

**Page 121**

**Question No:2**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statement regarding Java is false?

- A. Java uses an interpreter
- B. Java is case sensitive language
- C. Java is a programming language

**D. A Java program compiles into machine language**

**Page 8**

**Question No:3**

**(Marks:1)**

**Vu-Topper RM**

Bytecodes are put in memory by \_\_\_\_\_ .

- A. Editor
- B. Compiler

**C. Class loader**

**Page 11**

D. Bytecode verifier

**Question No:4**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is correct syntax to get component area of “myFrame” top level container.

A. Container c = myFrame.getContentPane();

**B. Container c = myFrame.getContentPane();**

**Page 92**

C. Container c = myFrame.getComponentPane();

D. Container c = myFrame->getComponentArea();

**Question No:5**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ in a collection class creates a collection with no elements.

A. Class

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- B. Array
- C. Function

**D. Constructor**      **Page 45**

**Question No:6**      **(Marks:1)**      **Vu-Topper RM**

Which of the following is a valid variable name in Java?

- A. 1xu
- B. Long
- C. vu.506

**D. Number Of Student**      **Google**

**Question No:7**      **(Marks:1)**      **Vu-Topper RM**

Which one of the following blocks always executes irrespective of exception occurrence?

- A. Try block
- B. Catch block
- C. Switch block

**D. Finally block**      **Page 72**

**Question No:8**      **(Marks:1)**      **Vu-Topper RM**

CmdArgs java class is compiled. If the command “java CmdArgs CS506” run in cmd, then what will be output of given code.

```
Public class CmdArgs {  
public static void main(String[] args)  
{  
System.out.println("First argument " + args[0]);  
}
```

**A. CS506**      **Page 21**

- B. args[0]
- C. Syntax error
- D. do not show any output

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**Question No:9**

**(Marks:1)**

**Vu-Topper RM**

Window, frame and dialog use \_\_\_\_\_ as their default layout.

- A. Flow layout
- B. Grid layout
- C. Border layout**
- D. GridBag layout

**Google**

**Question No:10**

**(Marks:1)**

**Vu-Topper RM**

The classes which contain the word \_\_\_\_\_ in their names are byte oriented streams.

- A. Byte
- B. Writer
- C. Stream**
- D. Reader

**Page 71**

**Question No:11**

**(Marks:1)**

**Vu-Topper RM**

Which one of the following methods is not a method of MouseListener interface?

- A. Moved**
- B. Clicked
- C. Pressed
- D. Released

**Page 113**

**Question No:12**

**(Marks:1)**

**Vu-Topper RM**

Interface imposes \_\_\_\_\_ structure on any class that uses interface.

- A. Code
- B. Design**
- C. Inheritance
- D. Implementation

**Page 85**

**Question No:13**

**(Marks:1)**

**Vu-Topper RM**

Java core language is \_\_\_\_\_ than C++.

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**A. Simpler**      **Page 5**

- B. Difficult
- C. Complex
- D. Less secure

**Question No:14**      **(Marks:1)**      **Vu-Topper RM**

Which of the following is the correct java code statement that is used to establish the connection?

- A. Connection con = DriverManager.getConnection(conURL)
- B. connection Con = DriverManager.getConnection(conURL)
- C. connection Con = DriverManager.getConnection(conURL)
- D. Connection con = DriverManager.getConnection(conURL)**

**Page 133**

**Question No:15**      **(Marks:1)**      **Vu-Topper RM**

Which of the following functions is declared in MouseMotionListener interface?

- A. public void mouseClicked (MouseEvent me);
- B. public void mousePressed (MouseEvent me);
- C. public void mouseEntered (MouseEvent me);

**D. public void mouseDragged (MouseEvent me);**      **Page 113**

**Question No:16**      **(Marks:1)**      **Vu-Topper RM**

In java, adapter classes have been defined for the following listener interfaces except for \_\_\_\_\_ interface.

- A. ItemListener**      **Page 119**
- B. FocusListener
- C. ComponenetListener
- D. MouseMotionListener

**Question No:17**      **(Marks:1)**      **Vu-Topper RM**

Which statement from the following statements is true about a java Anonymous Inner Class?

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- A. It has no name
- B. It is much shorter
- C. All of the given options**
- D. It is difficult to understand

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**Question No:18**

(Marks:1)

Vu-Topper RM

Which of the following is a top level container?

- A. JPanel
- B. Dialog**
- C. ToolBar
- D. ScrollPane

Page 90

**Question No:19**

(Marks:1)

Vu-Topper RM

Which of the following features provides the facility for multiple inheritance?

- A. Collections
- B. Interfaces**
- C. Adapter classes
- D. Wrapper classes

Page 85

**Question No:20**

(Marks:1)

Vu-Topper RM

Which of the following statement object is used to execute simple SQL statement?

- A. Statement**
- B. None of given
- C. Callable Statement
- D. Prepared Statement

Page 140

**Question No:21**

(Marks:1)

Vu-Topper RM

== operator compares \_\_\_\_\_ of strings whereas equals() method compares \_\_\_\_\_ of strings.

- A. Addresses, size
- B. Size, addresses

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C. Values, addresses

**D. Addresses, values**

**Page 19**

**Question No:22**

**(Marks:1)**

**Vu-Topper RM**

Which of the following name is used by the system to recognize the underlying data source?

A. DNS

**B. DSN**

**Page 130**

C. JDBC

D. ODBC

**Question No:23**

**(Marks:1)**

**Vu-Topper RM**

In polymorphism \_\_\_\_\_ are overridden.

A. Classes

B. Methods

C. Variables

**D. Data type**

**Page 8**

**Question No:24**

**(Marks:1)**

**Vu-Topper RM**

An event in java is represented as \_\_\_\_\_

**A. Object**

**Page 103**

B. Function

C. Operator

D. Primitive data type

**Question No:25**

**(Marks:1)**

**Vu-Topper RM**

All the exceptions and errors in java are inherited from \_\_\_\_\_ class.

A. Error

B. Exception

**C. Throwable**

**Page 55**

D. IOException

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**Question No:26**

**(Marks:1)**

**Vu-Topper RM**

ArrayList is an example of \_\_\_\_\_ collection type.

- A. Set based
- B. Hashmap based
- C. Sequence based**
- D. None of the given

**Google**

**Question No:27**

**(Marks:1)**

**Vu-Topper RM**

DDL stands for?

- A. Data Driven Language
- B. Data Definition Language**
- C. Database Driven Language
- D. Database Definition Language

**Page 137**

**Question No:28**

**(Marks:1)**

**Vu-Topper RM**

While running following ExceptionExample.java class on command line without passing command line arguments gives \_\_\_\_\_ exception.

```
public class ExceptionExample {  
public static void main (String args[ ]) {  
System.out.println(args[0]);  
} }  
}
```

- A. IO Exception
- B. Null pointer exception
- C. Divide by zero exception
- D. Array index out of bound exception**

**Page 58**

**Question No:29**

**(Marks:1)**

**Vu-Topper RM**

Bytecodes are created and stored on disk by \_\_\_\_\_ .

- A. Editor
- B. Compiler**
- C. Class loader
- D. Bytecode verifier

**Page 11**

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**Question No:30**

**(Marks:1)**

**Vu-Topper RM**

Which of the following streams is a filter stream?

- A. File Writer
- B. File Reader
- C. Buffered Reader**
- D. All of given options

**Page 69**

**Question No:31**

**(Marks:1)**

**Vu-Topper RM**

Which of the following package needs to import while interacting with a relational database?

- A. Java.io
- B. java.sql**
- C. java.awt
- D. javax.swing

**Page 129**

**Question No:32**

**(Marks:1)**

**Vu-Topper RM**

A class that is defined in another class is called \_\_\_\_\_.

- A. Inner class**
- B. Public class
- C. Private class
- D. Derived class

**Page 121**

**Question No:33**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statement object is used to execute using same query multiple times by only changing parameters?

- A. Statement
- B. CallableStatement
- C. PreparedStatement**
- D. Both PreparedStatement and CallableStatement

**Page 140**

**Question No:34**

**(Marks:1)**

**Vu-Topper RM**

In given lines of code, \_\_\_\_\_ is applying .  
int a = 20;

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double b = a;

**A. upcasting a to b type**

**Page 43**

B. upcasting b to a type

C. downcasting b to a type

D. downcasting a to b type

**Question No:35**

**(Marks:1)**

**Vu-Topper RM**

Choose the correct syntax to declare an abstract java class named as "Person".

A. abstract public class Person {}

B. public class Person abstract {}

C. public class abstract Person {}

**D. public abstract class Person {}**

**Page 83**

**Question No:36**

**(Marks:1)**

**Vu-Topper RM**

In Java, based on the functionality, the streams can be categorized as

\_\_\_\_\_.

**A. Node stream and Filter stream**

**Page 83**

B. Byte oriented stream and Node stream

C. Filter stream and Character oriented stream

D. Byte oriented stream and Character oriented stream

**Question No:37**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is/are not part of java core language.

A. Array

B. Objects

C. Variables

**D. Array List class**

**Page 4**

**Question No:38**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statement object is used to execute precompiled SQL statements?

A. Statement

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B. CallableStatement

**C. PreparedStatement** Page 140

D. Both PreparedStatement and CallableStatement

**Question No:39**

(Marks:1)

Vu-Topper RM

In given lines of code Employee is super class, Teacher is child class,  
\_\_\_\_\_ is applying.

Employee e = new Teacher();

**A. upcasting Employee to Teacher type**

Page 44

B. upcasting Teacher to Employee type

C. downcasting Employee to Teacher type

D. downcasting Teacher to Employee type

**Question No:40**

(Marks:1)

Vu-Topper RM

All java files in a directory are compiled using  
\_\_\_\_\_ command in command prompt.

A. javac all

B. java \*.java

**C. javac \*.java**

Page 6

D. javac all.java

**Question No:41**

(Marks:1)

Vu-Topper RM

If a class implements an interface then \_\_\_\_\_

A. an interface must provide implementation of all methods

**B. a class must provide implementation of all methods of interface**

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C. a class may or may not provide implementation of all methods of interface

D. class will compile successfully if class do not implements methods of interface

**Question No:42**

(Marks:1)

Vu-Topper RM

Which of the following features is available in java?

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- A. Pointers
- B. Global variables
- C. Primitive data types**
- D. Operator overloading

**Page 6**

**Question No:43**

**(Marks:1)**

**Vu-Topper RM**

A hash map object is to create, to store Teacher objects as values and their CNIC in the form of strings as keys. Which syntax is correct for this requirement?

- A. `HashMap <String> h =new HashMap<String>();`
- B. `HashMap <Teacher> h =new HashMap<Teacher>();`
- C. `HashMap <Teacher> h =new HashMap<String,Teacher>();`
- D. `HashMap <String,Teacher> h =new HashMap<String,Teacher>();` Page 279**

**Question No:44**

**(Marks:1)**

**Vu-Topper RM**

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

- A. Both AWT and SWING component creates a thread.
- B. Both AWT and SWING component creates a process.
- C. AWT components creates a process whereas SWING component creates a thread. Page 88**
- D. AWT components creates a thread whereas SWING component creates a process.

**Question No:45**

**(Marks:1)**

**Vu-Topper RM**

Which of the given Listener Interfaces is need to handle the “KeyEvent”?

- A. KeyListener Page 105**
- B. KeyActionListener
- C. MouseKeyListener
- D. MotionKeyListener

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**Question No:46** (Marks:1) **Vu-Topper RM**

In given lines of code \_\_\_\_\_ is static variable and \_\_\_\_\_ is static method.  
System.out.println("CS506");

JOptionPane.showMessageDialog(null,"CS506")

- A. Println, JOptionPane
- B. System, JOptionPane

**C. Out, showMessageDialog** **Page 34**

D. Println, showMessageDialog

**Question No:47** (Marks:1) **Vu-Topper RM**

A collection can store \_\_\_\_\_.

A. At most 100 objects

**B. Homogenous objects** **Page 61**

C. Heterogeneous objects

D. Objects as well as primitive values

**Question No:48** (Marks:1) **Vu-Topper RM**

Mouse events can be trapped for \_\_\_\_\_ GUI component.

A. JPanel

B. JFrame

C. JButton

**D. All of given** **Page 113**

**Question No:49** (Marks:1) **Vu-Topper RM**

WindowListener interface contains \_\_\_\_\_ methods.

A. Six

B. Four

C. Eight

**D. Seven** **Page 128**

**Question No:50** (Marks:1) **Vu-Topper RM**

A variable declared as static in a class is a/an \_\_\_\_\_

**A. Class variable** **Google**

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- B. Const variable
- C. Global variable
- D. Instance variable

**Question No:51** (Marks:1) **Vu-Topper RM**

In java, overloading is \_\_\_\_\_ whereas overriding is \_\_\_\_\_ .

- A. Run time binding, late time binding
- B. Late binding, compile time binding
- C. Run time binding, compile time binding
- D. Compile time binding, run time binding**

**Google**

**Question No:52** (Marks:1) **Vu-Topper RM**

Which of the following is a general purpose container?

- A. Dialog
- B. JFrame
- C. JPanel**
- D. JApplet

**Page 90**

**Question No:53** (Marks:1) **Vu-Topper RM**

The following is an example of \_\_\_\_\_ .`FileReader fr = new`

`FileReader("input.txt");`File stream

- A. Node stream**
- B. Filter stream
- C. File stream
- D. Byte oriented stream

**Page 69**

**Question No:54** (Marks:1) **Vu-Topper RM**

AWT is also called \_\_\_\_\_ .

- A. Light weight components
- B. Heavy weight components**
- C. Neither Light weight nor heavy weight
- D. Both Light weight and heavy weight components

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**Question No:55**

**(Marks:1)**

**Vu-Topper RM**

If there is no exception in the try block then the catch block \_\_\_\_\_ executes.

**A. Never**      **Page 56**

B. Always

C. Sometime

D. None of the given

**Question No:56**

**(Marks:1)**

**Vu-Topper RM**

The given line of code will result in \_\_\_\_\_

`System.out.println(5+9);`

A. 5+9

**B. 14**      **Page 19**

C. 59

D. Syntax error

**Question No:57**

**(Marks:1)**

**Vu-Topper RM**

Which of the following exception belongs to a category of un-checked exception?

A. IOException

B. AWTException

**C. Null Pointer exception**      **Page 56**

D. ClassNotFoundException

**Question No:58**

**(Marks:1)**

**Vu-Topper RM**

HashMap takes key as a/an \_\_\_\_\_

A. Array

**B. Object**      **Page 47**

C. Function

D. Primitive value

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**Question No:59**

**(Marks:1)**

**Vu-Topper RM**

To compile all the .java files, the java compiler is called \_\_\_\_\_, on UNIX or Windows.

**A. javac**      **Page 6**

B. cjava

C. java.c

D. c java

**Question No:60**

**(Marks:1)**

**Vu-Topper RM**

Teacher.java class wants to inherit from Employee.java class, \_\_\_\_\_ keyword should be used in blank space in given code to

apply inheritance. class Teacher ----- Employee  
{public static void main (String args[]) { }}

A. Inherit

**B. Extends**      **Page 39**

C. Override

D. Implement

**Question No:61**

**(Marks:1)**

**Vu-Topper RM**

Which command of the following commands is used to compile "JavaTest" java file's code?

A. java JavaTest

B. javac JavaTest

C. java JavaTest.java

**D. javac JavaTest.java**      **Page 33**

**Question No:62**

**(Marks:1)**

**Vu-Topper RM**

CREATE, ALTER, DROP are \_\_\_\_\_ SQL statements.

A. DCL

B. DML

**C. DDL**      **Page 137**

D. None of given

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**Question No:63**

**(Marks:1)**

**Vu-Topper RM**

Following are the code statements used in java event handling. Identify the code statement that is used for handling an event

- A. button = new JButton("Reset")
- B. button.addActionListener(this)
- C. container.setLayout(new FlowLayout());

**D. public void actionPerformed(ActionEvent e)** Page 106

**Question No:64**

**(Marks:1)**

**Vu-Topper RM**

If there is a class "Student", then the java file must be saved with \_\_\_\_\_ name.

- A. Any name
- B. Student.java
- C. student.java**
- D. Student\_File.java

**Page 30**

**Question No:65**

**(Marks:1)**

**Vu-Topper RM**

The relationship between class and interface is called \_\_\_\_\_

- A. 'Is a' relationship**
- B. 'Has a' relationship
- C. 'Responds to' relationship
- D. None of the given options

**Page 98**

**Question No:66**

**(Marks:1)**

**Vu-Topper RM**

Converting a bigger data type into smaller data type is called \_\_\_\_\_.

- A. Up-casting
- B. High-casting
- C. Down-casting**
- D. Normal-casting

**Page 44**

**Question No:67**

**(Marks:1)**

**Vu-Topper RM**

Which of the following keyword/operator is used for inheritance in java?

- A. Inherit

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B. : (colon)

**C. Extends** Page 38

D. Implements

**Question No:68**

(Marks:1)

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Which feature of the following features does Java provide?

A. Pointers

B. Multiple Inheritance

**C. Function Overriding** Page 5

D. Operator Overloading

**Question No:69**

(Marks:1)

Vu-Topper RM

In Editor java programs are created, while they are stored on/in

\_\_\_\_\_ .  
A. Usb

**B. Disk** Page 11

C. External file

D. Primary memory

**Question No:70**

(Marks:1)

Vu-Topper RM

\_\_\_\_\_ returns the elements at specified position in the list.

A. Object set(int index)

**B. Object get(int index)** Page 46

C. Object return(int index)

D. Object remove(int index)

**Question No:71**

(Marks:1)

Vu-Topper RM

JDBC-ODBC stands for \_\_\_\_\_.

A. Java DataBase Corporation- Open DataBase Corporation

B. Java DataBase Corporation- Oracle DataBase Corporation

C. Java DataBase Connectivity- Oracle DataBase Connectivity

**D. Java DataBase Connectivity- Open DataBase Connectivity**

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Question No:72

(Marks:1)

Vu-Topper RM

Which of the following is a correct listener statement for “mouse click” event in “MouseListener” interface?

A. public void mouseClicked (MouseEvent me)

B. public void MouseClicked (MouseEvent me)

**C. public void mouseClicked (MouseEvent me)**

Page 114

D. public void MouseClicked (MouseEvent me)

Question No:73

(Marks:1)

Vu-Topper RM

The toString() method returns a \_\_\_\_\_ representation of \_\_\_\_\_

A. int, string

B. string, int

C. object, string

**D. string, object** Page 34

Question No:74

(Marks:1)

Vu-Topper RM

To make sure array accesses touch only the memory allocated to them , JVM does \_\_\_\_\_ checking at runtime.

A. Not

B. Static

**C. Dynamic** Page 5

D. Consistent

Question No:75

(Marks:1)

Vu-Topper RM

Mouse motion event is generated when mouse is:

A. Clicked

B. Entered

C. Pressed

**D. Dragged** Page 113

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**Question No:76**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?

- A. executeQuery(sql);
- B. ExecuteQuery(sql);
- C. executeUpdate(sql);**
- D. ExecuteUpdate(sql);

**Page 134**

**Question No:77**

**(Marks:1)**

**Vu-Topper RM**

Given code is showing the result of addition of two integer type numbers. Choose correct output of this code.

Int i = 7;

int j = 8;

int k = i+j;System.out.println("Seven " + i + " plus Eight " + j + " is " + k)

- A. Seven plus Eight is k
- B. Seven i plus Eight j is k
- C. Seven 7 plus Eight 8 is 15**
- D. Seven i plus Eight j is + 15

**Google**

**Question No:78**

**(Marks:1)**

**Vu-Topper RM**

Which of the following streams is a byte oriented stream?

- A. PrintWriter
- B. FileReader
- C. BufferedReader
- D. FileInputStream**

**Page 71**

**Question No:79**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statement object is used to execute stored procedures?

- A. Statement
- B. CallableStatement**
- C. PreparedStatement

**Page 140**

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D. Both PreparedStatement and CallableStatement

**Question No:80**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is called “pure abstract class”?

A. Collections

**B. Interfaces**

**Page 85**

C. Adapter classes

D. Wrapper classes

**Question No:81**

**(Marks:1)**

**Vu-Topper RM**

Java language has a little worse performance than C++ language, because \_\_\_\_\_.

A. it is object oriented

B. it uses built in libraries

C. it does not use pointers

**D. it checks all errors, malicious and viruses** **Page 5**

**Question No:82**

**(Marks:1)**

**Vu-Topper RM**

Which of the given Listener Interface is needed to handle the “MouseEvent”?

**A. Mouse Listener**

**Page 105**

B. KeyActionListener

C. MouseKeyListener

D. MotionKeyListener

**Question No:83**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements is a correct statement for “mouse release” event in “MouseListener” interface?

A. public void mouseExited (MouseEvent me);

B. public void mouseEntered (MouseEvent me);

C. public void mouseClicked (MouseEvent me);

**D. public void mouseReleased (MouseEvent me);** **Page 114**

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**Question No:84**

**(Marks:1)**

**Vu-Topper RM**

Adapter classes have been defined for listener interfaces except \_\_\_\_\_ interface.

- A. KeyListener
- B. MouseListener
- C. ActionListener**
- D. WindowListener

**Page 119**

**Question No:85**

**(Marks:1)**

**Vu-Topper RM**

If a class needs to handle events generated by button then which of the following interfaces a class needs to implement?

- A. KeyListener
- B. MouseListener
- C. ActionListener**
- D. WindowListener

**Page 106**

**Question No:86**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements attaches an output stream to console?

- A. `FileWriter fw = new FileWriter(FileDescriptor);`
- B. `FileWriter fw = new FileWriter("output.txt");`**
- C. `FileWriter fw = new FileWriter(FileDescriptor.in);`
- D. `FileWriter fw = new FileWriter(FileDescriptor.out);`

**Page 69**

**Question No:87**

**(Marks:1)**

**Vu-Topper RM**

Following are the code statements used in java event handling. Identify the code statement that is used for generating an event

- A. `frame = new JFrame`
- B. `frame.setSize(150, 150)`
- C. `b1 = new JButton("OK")`**
- D. `b1.addActionListener(this)`

**Page 105**

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**Question No:88**

**(Marks:1)**

**Vu-Topper RM**

The class that handles mouse event needs to implement the corresponding interface and to provide the definition of:

- A. One method in that interface
- B. Two methods in that interface
- C. Three methods in that interface

**D. All the methods in that interface**      **Google**

**Question No:89**

**(Marks:1)**

**Vu-Topper RM**

If we want to call toString() method of parent class in JAVA. Which of the following statements will be used?

- A. this. toString();
- B. sub. toString();
- C. new. toString();

**D. super.toString();**      **Page 40**

**Question No:90**

**(Marks:1)**

**Vu-Topper RM**

Java is a \_\_\_\_\_ language.

- A. Static
- B. Not portable
- C. Complicated

**D. Multi-threaded**      **Page 4**

**Question No:91**

**(Marks:1)**

**Vu-Topper RM**

Which of the following classes is capable to instantiate?

- A. Abstract class
- B. Interface class

**C. Concrete class**      **Page 83**

D. None of the given

**Question No:92**

**(Marks:1)**

**Vu-Topper RM**

In Java, \_\_\_\_\_ types of statement objects are available for sending SQL queries to the databases.

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- A. One
- B. Two
- C. Five

**D. Three**

**Page 140**

**Question No:93**

**(Marks:1)**

**Vu-Topper RM**

Which of the following classes provide definitions for all the methods (empty bodies) of their corresponding Listener interface?

- A. Inner classes
- B. Public classes
- C. Private classes

**D. Adapter classes**

**Page 118**

**Question No:94**

**(Marks:1)**

**Vu-Topper RM**

Which of the given Listener Interface is needed to handle the “ActionEvent”?

- A. KeyListener
- B. MouseListener

**C. ActionListener**

**Page 106**

D. WindowListener

**Question No:95**

**(Marks:1)**

**Vu-Topper RM**

Which of the following objects is passed as an argument to paintComponent() method?

- A. Image object
- B. JPanel object
- C. JFrame object

**D. Graphics object**

**Page 169**

**Question No:96**

**(Marks:1)**

**Vu-Topper RM**

The “MouseDragged” and “mouseMoved” methods are defined in \_\_\_\_\_ interface.

A. ItemListener

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- B. MouseListener
- C. ActionListener

**D. MouseMotionListener**

**Page 113**

**Question No:97**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method/s is a ResultSetMetaData method?

- A. getColumnCount ()
- B. getColumnName(int)
- C. getColumnDisplaySize (int)

**D. All of the given options**

**Page 157**

**Question No:98**

**(Marks:1)**

**Vu-Topper RM**

Which of the following code statement is used to define a connection URL?

- A. String asd = "jdbc:odbc:DSNname"**
- B. Statement xyz = abc.createStatement()
- C. Class.forName("sun.jdbc.odbc.JdbcOdbcDriver)
- D. Connection abc = DriverManager.getConnection(conURL)

**Page 133**

**Question No:99**

**(Marks:1)**

**Vu-Topper RM**

In order to include graphics in your Java program, it is mandatory to extend from \_\_\_\_\_ class.

- A. JLabel
- B. JPanel**
- C. JFrame
- D. JButton

**Page 171**

**Question No:100**

**(Marks:1)**

**Vu-Topper RM**

In the context of Java Graphics, paintChildren() method tells any component contained by this component to paint itself.

**True**

**Page 170**

False

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**Question No:101**

**(Marks:1)**

**Vu-Topper RM**

All AWT and swing components generate events.

**True Page 103**

False

**Question No:102**

**(Marks:1)**

**Vu-Topper RM**

Which of the following methods is a correct registration method for Focus Listener interface?

A. regFocusListener

**B. addFocusListener**

**Page 119**

C. regFocusedListener

D. addFocusedListener

**Question No:103**

**(Marks:1)**

**Vu-Topper RM**

A database that is created in MS Access 2003 will be saved with \_\_\_\_\_ extension.

A. .doc

B. .java

**C. .mdb**

**Page 131**

D. .class

**Question No:104**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements is a DDL statement?

A. Add

B. Delete

**C. Create**

**Page 137**

D. Update

**Question No:105**

**(Marks:1)**

**Vu-Topper RM**

There are \_\_\_\_\_ steps in order to communicate successfully with database.

A. Six

B. Nine

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**C. Eight**

**Page 132**

D. Seven

**Question No:106**

**(Marks:1)**

**Vu-Topper RM**

Java defines \_\_\_\_\_ for the listener interfaces having more than one event handling methods.

A. Wrapper classes

B. Adapter classes

**C. Abstract classes**

**Page 118**

D. Concrete classes

**Question No:107**

**(Marks:1)**

**Vu-Topper RM**

ResultSet provides various getters to retrieve \_\_\_\_\_.

A. column headers

B. data of the row

**C. data of the column**

**Page 134**

D. data of the row and column

**Question No:108**

**(Marks:1)**

**Vu-Topper RM**

Let suppose a column has index 5 in the ResultSet object. Which of the following statement is used to retrieve the column values?

A. String name = rs.getInt(5)

B. String name = rs.getInt(4)

C. String name = rs.getString(4)

**D. String name = rs.getString(5)**

**Page 134**

**Question No:109**

**(Marks:1)**

**Vu-Topper RM**

Which of the following methods is used to determine whether a database is read only or not?

A. isreadonly()

B. IsReadOnly()

C. isReadonly()

**D. isReadOnly()**

**Page 167**

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**Question No:110**

**(Marks:1)**

**Vu-Topper RM**

INSERT, UPDATE, DELETE are \_\_\_\_\_ statements.

A. DCL

B. DDL

**C. DML**

**Page 144**

D. None of given

**Question No:111**

**(Marks:1)**

**Vu-Topper RM**

Event handling is a \_\_\_\_\_ step process.

A. One

B. Two

C. Five

**D. Three**

**Page 104**

**Question No:112**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is used to execute SELECT SQL statements?

A. ExecuteQuery(sql);

B. ExecuteUpdate(sql);

**C. executeQuery(sql);**

**Page 134**

D. executeUpdate(sql);

**Question No:113**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is NOT a method of ResultSet method?

A. next()

B. absolute(int)

C. updateRow()

**D. executeQuery(sql)**

**Page 150**

**Question No:114**

**(Marks:1)**

**Vu-Topper RM**

In the context of Java Graphics, which of the following methods we should override while painting?

**A. paint()**

**Page 170**

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- B. `paintBorder()`
- C. `paintChildren()`
- D. `paintComponet()`

**Question No:115**

**(Marks:1)**

**Vu-Topper RM**

Which of the given methods is/are declared for “MouseListener” interface?

- A. `MouseMoved`
- B. `MousePressed`**
- C. `MouseDragged`
- D. `MouseKeyPressed`

**Page 113**

**Question No:116**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements is true regarding `paintChildren()` method?

- A. It tells the component to paint its border.
- B. It first paints the background and then performs custom painting.
- C. It first performs custom painting and then paints the background.
- D. It tells any components contained by this component to paint themselves.**

**Page 170**

**Question No:117**

**(Marks:1)**

**Vu-Topper RM**

`previous()` is a method of \_\_\_\_\_ object.

- A. `Statement`
- B. `ResultSet`**
- C. `Connection`
- D. `ResultSetMetaData`

**Page 145**

**Question No:118**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements is true regarding `paintComponent()` method?

- A. It tells the component to paint its border.
- B. It first performs custom painting and then paints the background.

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**C. It first paints the background and then performs custom painting. Page 170**

D. It tells any components contained by this component to paint themselves.

**Question No:119**

**(Marks:1)**

**Vu-Topper RM**

getColumnCount() is a method of \_\_\_\_\_ object.

- A. Statement
- B. ResultSet
- C. DataBaseMetaData

**D. ResultSetMetaData Page 157**

**Question No:120**

**(Marks:1)**

**Vu-Topper RM**

In Java Graphics, while painting a swing component, which of the following functions is invoked first?

- A. paint( )
- B. paintBorder( )
- C. paintChildren( )

**D. paintComponet( ) Page 169**

**Question No:121**

**(Marks:1)**

**Vu-Topper RM**

ResultSet Meta Data will help you in answering the following questions except:

A. What is the name of given column?

**B. How many rows are in the ResultSet? Page 156**

C. Are the column name is case sensitive?

D. How many columns are in the ResultSet?

**Question No:122**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ method returns true or false depending upon whether the next row is available (exist) or not in ResultSet.

A. close()

**B. next() Page 144**

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- C. close()
- D. getters

**Question No:123**

**(Marks:1)**

**Vu-Topper RM**

A scrollable and updatable ResultSet object has the following capabilities except \_\_\_\_\_

- A. delete rows
- B. update rows
- C. insert new rows

**D. insert new columns**

**Page 144**

**Question No:124**

**(Marks:1)**

**Vu-Topper RM**

DSN stands for \_\_\_\_\_

- A. Data System Name
- B. Data Source Name**
- C. Domain system Name
- D. Database System Name

**Page 130**

**Question No:125**

**(Marks:1)**

**Vu-Topper RM**

If a JPanel has a triangle drawn on it then which of the following methods will display it?

- A. paint( )
- B. paintBorder( )
- C. paintChildren( )

**D. paintComponet( )**

**Page 169**

**Question No:126**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is used to release the JDBC and database resources in ResultSet?

- A. next()
- B. close()**
- C. getters
- D. previous()

**Page 144**

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**Question No:127**

**(Marks:1)**

**Vu-Topper RM**

In ResultSetMetaData methods, \_\_\_\_\_ method returns the SQL type for the column to compare against types in java.sql.Types.

- A. getColumnCount ( )
- B. getColumnType (int)**
- C. getColumnName(int)
- D. getColumnDisplaySize (int)

**Page 157**

**Question No:128**

**(Marks:1)**

**Vu-Topper RM**

Static methods can only access \_\_\_\_\_

- A. Instance methods
- B. Instance variables
- C. Both static and instance members
- D. Static variables and methods**

**Page 33**

**Question No:129**

**(Marks:1)**

**Vu-Topper RM**

How many simultaneous connections can be opened using TCP and UDP ports?

- A. 64
- B. 64k
- C. 128
- D. 128k**

**Page 193**

**Question No:130**

**(Marks:1)**

**Vu-Topper RM**

Strings in java are represented as \_\_\_\_\_

- A. Operators
- B. Native data types
- C. Primitive Data Types
- D. Reference data types**

**Page 32**

**Question No:131**

**(Marks:1)**

**Vu-Topper RM**

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setColor() is a method of \_\_\_\_\_ object.

- A. Image
- B. JPanel
- C. JFrame

**D. Graphics**

**Page 172**

**Question No:132**

**(Marks:1)**

**Vu-Topper RM**

If we want to animate something like ball, moving from one place to another we constantly need to call paint()

**False**

**Page 174**

True

**Question No:133**

**(Marks:1)**

**Vu-Topper RM**

Which of the following syntax is used to create a client socket?

- A. Socket s = new Socket(serverPort);
- B. Scket s = new Socket("serverName");
- C. Socket s = new Socket(serverPort , "serverName");

**D. Socket s = new Socket("serverName", serverPort);**

**Page 195**

**Question No:134**

**(Marks:1)**

**Vu-Topper RM**

What will happen if static modifier is removed from the signature of main method?

- A. The program will compile and run successfully
- B. None of given options
- C. The program will compile but not run

**D. The program will not compile.**

**Question No:135**

**(Marks:1)**

**Vu-Topper RM**

Exception handling code is written in \_\_\_\_\_

- A. try block
- B. finally block
- C. throws clause

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**Question No:136**

**(Marks:1)**

**Vu-Topper RM**

Suppose strings are stored in a collection “arraylist”. Get one string element and store in element variable. Choose correct line of code for this requirement.

- A. String element = String arraylist.get(i);
- B. String element = element arraylist.get(i);
- C. String element = (element) arraylist.get(i);
- D. String element = (String) arraylist.get(i);**

**Page 45**

**Question No:137**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is used to convert a string into an int value?

- A. intValue()
- B. parseInt()
- C. parseInt()**
- D. parseInteger()

**Page 25**

**Question No:138**

**(Marks:1)**

**Vu-Topper RM**

Which of the following methods is invoked by the AWT package to support paint and repaint operations?

- A. paint()
- B. draw()
- C. redraw()
- D. repaint()**

**Page 174**

**Question No:139**

**(Marks:1)**

**Vu-Topper RM**

If the subclass overrides all the abstract methods of super class, then subclass is called \_\_\_\_\_.

- A. Base class
- B. Parent class
- C. Abstract class

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**D. Concrete class**

**Page 82**

**Question No:140**

**(Marks:1)**

**Vu-Topper RM**

You must include a \_\_\_\_\_ to declare an exception that might be thrown to another method.

- A. try block
- B. catch block
- C. finally block

**D. throws-clause**

**Page 57**

**Question No:141**

**(Marks:1)**

**Vu-Topper RM**

The output of the given some Test function is \_\_\_\_\_.

```
public void some test() {  
    Int x;  
    System.out.println(x);  
    System.out.println(x);  
}
```

- A. X
- B. Syntax error
- C. Run time error

**D. Compile time error**

**Page 30**

**Question No:142**

**(Marks:1)**

**Vu-Topper RM**

A default ResultSet object has a cursor that \_\_\_\_\_.

- A. Cannot move
- B. Moves backward only
- C. Moves forward only**
- D. Moves backward and forward

**Page 143**

**Question No:143**

**(Marks:1)**

**Vu-Topper RM**

Which of the given will clear all the previous painting?

- A. super.paint
- B. super.redraw()

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C. super.repaint()

**D. super.paintComponent()**

**Page 175**

**Question No:144**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is NOT a method of ResultSet object?

A. next()

B. updateRow()

C. absolute(int)

**D. executeQuery(sql)**

**Page 144**

**Question No:145**

**(Marks:1)**

**Vu-Topper RM**

Which of the following feature is not included in Java?

A. Inheritance

B. Polymorphism

C. Data encapsulation

**D. Pointer manipulation**

**Page 28**

**Question No:146**

**(Marks:1)**

**Vu-Topper RM**

The \_\_\_\_\_ is directly connected with keyboard.

A. File stream

B. Filter stream

**C. Node stream**

**Page 83**

D. Character oriented stream

**Question No:147**

**(Marks:1)**

**Vu-Topper RM**

Java does not handle exception by \_\_\_\_\_ as keyword.

A. Try

B. Catch

C. Finally

**D. Exception**

**Page 56**

**Question No:148**

**(Marks:1)**

**Vu-Topper RM**

HTTP works on port \_\_\_\_\_.

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- A. 21
- B. 23
- C. 80**
- D. 84

**Page 193**

**Question No:149**

**(Marks:1)**

**Vu-Topper RM**

Which of the following packages needs to import while handling files?

- A. java.util
- B. java.awt
- C. java.io**
- D. javax.swing

**Page 77**

**Question No:150**

**(Marks:1)**

**Vu-Topper RM**

Socket is a \_\_\_\_\_ communication channel between hosts.

- A. tri-directional
- B. uni-directional
- C. multi-directional
- D. bi-directional**

**Page 193**

**Question No:151**

**(Marks:1)**

**Vu-Topper RM**

A port is a \_\_\_\_\_ to which processes can listen for connections request

- A. Local Address
- B. Client Address
- C. Server Address
- D. Transport Address**

**Page 193**

**Question No:152**

**(Marks:1)**

**Vu-Topper RM**

TELNET works on \_\_\_ port

- A. 21
- B. 23**
- C. 80
- D. 84

**Page 193**

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**Question No:153**

**(Marks:1)**

**Vu-Topper RM**

Which of the following statements is true about primitive data types and reference data types?

- A. Both primitive data types and references are created on heap.
- B. Both primitive data types and references are created on stack
- C. Primitive data types are created on heap whereas references are created on stack

**D. Primitive data types are created on stack whereas references are created on heap. Page 22**

**Question No:154**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is NOT true about paintComponent( ) method?

- A. It is a main method for painting
- B. By default, it first paints the background
- C. Tells the components border (if any) to paint**
- D. It performs custom painting (drawing circle, rectangles etc.)

**Question No:155**

**(Marks:1)**

**Vu-Topper RM**

An object of Student.java class is creating and setting its value in Test.java class. \_\_\_\_\_ error is there in given code.

```
public class Test{  
public static void main (String args[]){  
Student s2 = new Student();  
s2->setName("Aslam");  
}  
}
```

- A. no syntax error
- B. class name is in wrong format
- C. s2 is not valid name of object of Student class
- D. setName method should not be accessed by arrow operator**

**Page 32**

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**Question No:156**

**(Marks:1)**

**Vu-Topper RM**

Assume that we do not want to serialize phoneNum attribute of PersonInfo class, this can be done by:

- A. client String phoneNum;
- B. server String phoneNum;
- C. serializable String phoneNum;
- D. transient String phoneNum;**

**Page 208**

**Question No:157**

**(Marks:1)**

**Vu-Topper RM**

Java program code is compiled into a form called \_\_\_\_\_.

- A. Source code
- B. Native code
- C. Byte code**
- D. Machine code

**Page 8**

**Question No:158**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is called only once during the life cycle of an Applet?

- A. Stop()
- B. Start()
- C. Init()**
- D. Paint()

**Page 184**

**Question No:159**

**(Marks:1)**

**Vu-Topper RM**

In the content of Java Graphics. Which of the following methods we should override while painting?

- A. paint()
- B. paintBorder()
- C. paintChildren()
- D. paintComponent()**

**Page 171**

**Question No:160**

**(Marks:1)**

**Vu-Topper RM**

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For a programmer the event handling is a three step process in terms of code. Which of the following is NOT an event handling step?

- A. Handle event
- B. Generate event
- C. Publish event** **Page 104**
- D. Register handler with generator

**Question No:161** **(Marks:1)** **Vu-Topper RM**

Which of the following operator is used to concatenate strings?

- A. +** **Page 119**
- B. +=
- C. ++
- D. -+

**Question No:162** **(Marks:1)** **Vu-Topper RM**

If ResultSet is TYPE\_FORWARD\_ONLY then it \_\_\_\_\_ when you call to the previous () method.

- A. Executes normally
  - B. Throws an exception
  - C. Returns false if cursor is not on valid row
  - D. moves the cursor to previous row if cursor is on valid row**
- Page 145**

**Question No:163** **(Marks:1)** **Vu-Topper RM**

\_\_\_\_\_ is the correct syntax to set size of top-level container "myFrame" as 200 rows in pixel and 400 columns in pixel.

- A. myFramesetSize(400.200)
- B. myFrame->setSize(200.400)
- C. myFrame->setSize(400.200)
- D. myFrame.setSize(200.400)** **Page 91**

**Question No:164** **(Marks:1)** **Vu-Topper RM**

int i= (int)( Math.random()\*5); // will generate random numbers between \_\_\_\_\_

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- A. 0 & 5
- B. 1 & 4
- C. 1 & 5
- D. 0 & 4**

**Page 187**

**Question No:165** (Marks:1) **Vu-Topper RM**  
It is verified by \_\_\_\_\_ that not all bytecodes violate java security restrictions.

- A. Editor
- B. Compiler
- C. Class loader

**D. Bytecode verifier**

**Page 12**

**Question No:166** (Marks:1) **Vu-Topper RM**  
Timer class constructor requires time in -----:

- A. Seconds
- B. Nano seconds
- C. Micro seconds

**D. Mili seconds**

**Page 179**

**Question No:167** (Marks:1) **Vu-Topper RM**  
AWT is a GUI package used in java ,AWT stands for -----:

- A. Apache Windows Toolkit
- B. Application Windowing Tools
- C. Application Windows Template

**D. Abstract Windowing Toolkit**

**Page 88**

**Question No:168** (Marks:1) **Vu-Topper RM**  
What will happen if main method is declared as private?

- A. None of the given option
- B. The program will not compile
- C. The program will compile and run successfully

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**D. The program will throw an exception at run time**  
**Google**

**Question No:169**

**(Marks:1)**

**Vu-Topper RM**

In java, we can read/write to a network using sockets:

**True**

**Page 206**

False

**Question No:170**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ understands the byte code.

- A. Java compiler
- B. Java Interpreter
- C. Operating system

**D. Java Virtual Machine**

**Page 9**

**Question No:171**

**(Marks:1)**

**Vu-Topper RM**

Choose the correct syntax to define an interface named as "Speaker" in java language.

- A. public class Speaker {}
- B. public speaker class interface {}
- C. public interface class Speaker {}

**D. public interface Speaker {}**

**Page 84**

**Question No:172**

**(Marks:1)**

**Vu-Topper RM**

The server just waits, listening to the socket for a client to make a connection request.

**True**

**Page 193**

False

**Question No:173**

**(Marks:1)**

**Vu-Topper RM**

In given lines of code , \_\_\_\_\_ is applying.

double a = 9.5;

int b = (int) a;

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- A. Upcasting b to a type
- B. Upcasting a to b type
- C. Downcasting b to a type
- D. Downcasting a to b type**

**Page 44**

**Question No:174**

**(Marks:1)**

**Vu-Topper RM**

The method "Math.random()" returns positive double value greater than or equal to 1 or less than 10:

**False**

**Page 187**

True

**Question No:175**

**(Marks:1)**

**Vu-Topper RM**

An applet is a JFrame that allows interaction with a java program:

**False**

**Page 181**

True

**Question No:176**

**(Marks:1)**

**Vu-Topper RM**

In Java Transient fields are returned as null on reading

**True**

**Page 208**

False

**Question No:177**

**(Marks:1)**

**Vu-Topper RM**

An applet is typically embedded in a Web page and can be run from a browser

**True**

**Page 181**

False

**Question No:178**

**(Marks:1)**

**Vu-Topper RM**

Which of the following method is used to move the cursor to the given row number?

- A. absolute()
- B. insert Row()
- C. absolute(int)**

**Page 146**

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D. move to insert Row(int)

**Question No:179**

**(Marks:1)**

**Vu-Topper RM**

Timers are constructed by specifying both a delay parameter and a/an \_\_\_\_\_ Listener.

- A. Key
- B. Mouse
- C. Action**
- D. Window

**Page 179**

**Question No:180**

**(Marks:1)**

**Vu-Topper RM**

FTP (File Transmission Protocol) works on \_\_\_\_\_ port.

- A. 21**
- B. 23
- C. 80
- D. 84

**Page 193**

**Question No:181**

**(Marks:1)**

**Vu-Topper RM**

The relationship between a class and interface is called \_\_\_\_\_.

- A. is a relationship
- B. Has a relationship
- C. None of the given options

**D. Responds to relationship**

**Page 85**

**Question No:182**

**(Marks:1)**

**Vu-Topper RM**

Which of the following streams is a Node stream?

- A. Printwriter
- B. FileWriter**
- C. Buffered Reader
- D. All of given option

**Page 75**

**Question No:183**

**(Marks:1)**

**Vu-Topper RM**

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Which of the following exceptions belongs to a category of checked exception?

- A. IOException** **Page 60**
- B. NullPointerException
- C. NumberFormatException
- D. Array index out of bounds

**Question No:184** (Marks:1) **Vu-Topper RM**

In Java Graphics, while painting swing component which of the following function is invoked first?

- A. Paint()
- B. paintBorder()
- C. paintChildren()
- D. paintComponent()** **Page 169**

**Question No:185** (Marks:1) **Vu-Topper RM**

To compile "Test.java" class, \_\_\_ command is used in java

- A. java Test
- B. javac Tests
- C. java Test.java
- D. javac Test.java** **Page 33**

**Question No:186** (Marks:1) **Vu-Topper RM**

Which of the following syntax is used to create a server socket?

- A. ServerSocket ss = new ServerSocket("ServerName");
- B. ServerSocket ss = new ServerSocket("ServerPort");** **Page 196**
- C. ServerSocket ss = new ServerSocket("ServerPort. ServerName");
- D. ServerSocket ss = new ServerSocket("ServerName. ServerPort");

**Question No:187** (Marks:1) **Vu-Topper RM**

To compare the values of two strings, \_\_\_\_\_ must be used.

- A. = operator
- B. == operator

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C. Compare() method

**D. Equals() method**

**Page 19**

**Question No:188**

**(Marks:1)**

**Vu-Topper RM**

JPanel and Applet use \_\_\_\_\_ as their default layout.

A. grid layout

B. Border layout

**C. Flow layout**

**Page 100**

D. Gridbag layout

**Question No:189**

**(Marks:1)**

**Vu-Topper RM**

Which of the following exceptions can be caught in a throw clause?

**A. IOException**

**Page 56**

B. Null pointer exception

C. Division by zero exception

D. Index out of bounds exception

**Question No:190**

**(Marks:1)**

**Vu-Topper RM**

Which of the following function will be used to register event handler with event generator, where event generator is button?

A. addListner()

B. addAction()

C. registerListner()

**D. addActionListner()**

**Page 107**

**Question No:191**

**(Marks:1)**

**Vu-Topper RM**

In Java, if a super class method is protected then overriding method

\_\_\_\_\_.

A. Must be public

B. Must be private

C. Must be protected

**D. Maybe either protected or public**

**Google**

**Question No:192**

**(Marks:1)**

**Vu-Topper RM**

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When there is just a onetime use of a particular object of a java class, we use \_\_\_\_\_.

A. Named object

**B. Anonymous object** **Page 127**

C. Either named object or anonymous object

D. neither named object or anonymous object

**Question No:193**

**(Marks:1)**

**Vu-Topper RM**

The following code creates and starts a timer that fires an action event once per \_\_\_\_\_

Timer t = new Timer (1000, this);

T.start ();

A. Day

B. Hour

C. Minute

**D. Second**

**Page 190**

**Question No:194**

**(Marks:1)**

**Vu-Topper RM**

How many ports are available for TCP socket?

A. 64

B. 128

**C. 64k**

**Page 193**

D. 128k

**Question No:195**

**(Marks:1)**

**Vu-Topper RM**

The keyword "this" is used to \_\_\_\_\_.

A. Invoke constructor of the another class

B. Invoke constructor of subclass from super class

C. Invoke constructor of super class from subclass

**D. Invoke alternate constructor of the same class** **Page 38**

**Question No:196**

**(Marks:1)**

**Vu-Topper RM**

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Which of the given Listener interfaces have adapter class(s)?

- A. ItemListener
- B. ActionListener
- C. AdjustmentListener

**D. MouseMotionListener**

**Page 119**

**Question No:197**

**(Marks:1)**

**Vu-Topper RM**

Which of the following commands is used to invoke an Applet from command line interpreter?

- A. viewer htmlfile
- B. applet htmlfile
- C. appletviewer javafile

**D. appletviewer htmlfile**

**Page 183**

**Question No:198**

**(Marks:1)**

**Vu-Topper RM**

Byte codes are put in memory by \_\_\_\_\_

- A. Editor
- B. Compiler

**C. Class loader**

**Page 12**

D. Byte code verifier

**Question No:199**

**(Marks:1)**

**Vu-Topper RM**

In the context of Java Graphics; most of time, painting is done automatically.

**True**

**Page 165**

False

**Question No:200**

**(Marks:1)**

**Vu-Topper RM**

DML stands for?

- A. Data Management Language
- B. Direct manipulation language
- C. Direct Management Language

**D. Data Manipulation Language**

**Google**

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**Question No:201**

**(Marks:1)**

**Vu-Topper RM**

Which of the following driver type has better performance than other?

- A. Type 1:JDBC-ODBC Bridge
- B. Type 2: Native – AP/partly Java driver
- C. Type 3: Net – protocol /all – Java driver

**D. Type 4: Native – protocol /all – java driver Page 163**

**Question No:202**

**(Marks:1)**

**Vu-Topper RM**

Following are the code statements used in java event handling. Identify the code statement that is used for registering event handler with event generator

- A. frame= new JFrame()
- B. frame.setSize(150,150)
- C. b1= new JButton(“OK”)

**D. b1.addActionListener(this); Page 108**

**Question No:203**

**(Marks:1)**

**Vu-Topper RM**

In java , Serializable interfaces can be found under \_\_\_\_\_ package.

- A. java.sql
- B. java.util
- C. java.net

**D. java.io Page 203**

**Question No:204**

**(Marks:1)**

**Vu-Topper RM**

In the following methods of Graphics object is used to draw rectangle?

- A. DrawRect(10,10,20,20)
- B. drawRect(10,10,20,20)
- C. DrawRectangle(10,10,20,20)
- D. DrawRectangle(10,10,20,20)

**Page 174**

**Question No:205**

**(Marks:1)**

**Vu-Topper RM**

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How many methods are there in the Serializable Interface?

**A. Zero**

**Page 203**

B. One

C. Two

D. Three

**Question No:206**

**(Marks:1)**

**Vu-Topper RM**

In the context of Socket Programming, the client does NOT know about the hostname of the machine on which the server is running

**False**

**Page 194**

True

**Question No:207**

**(Marks:1)**

**Vu-Topper RM**

Which of the following methods takes the place of constructor in an Applet?

A. run()

B. start()

**C. init()**

**Page 184**

D. main()

**Question No:208**

**(Marks:1)**

**Vu-Topper RM**

For each class contained in java source file, compiler generates \_\_\_\_\_ class file/s.

**A. One**

**Page 8**

B. Two

C. Five

D. Four

**Question No:209**

**(Marks:1)**

**Vu-Topper RM**

Which of the following syntaxes is used to get DataBaseMetaData object?

A. DataBaseMetaData md = rs.getMetaData() // where rs is ResultSet object

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B. DataBaseMetaData md = st.getMetaData(); // where st is statement object

**C. DataBaseMetaData md = con.getMetaData(); // where con is Connection object Page 160**

D. DataBaseMetaData md = rsmd.getMetaData(); // where rsmd is ResultSetMetaData object

**Question No:210**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is the correct syntax to make a PersonInfo class into a Serializable class?

A. Public class PersonInfo extends Serializable{/\*class body\*/}

B. Public class PersonInfo includes Serializable{/\*class body\*/}

C. Public class PersonInfo responds Serializable{/\*class body\*/}

**D. Public class PersonInfo Implements Serializable{/\*class body\*/} Page 204**

**Question No:211**

**(Marks:1)**

**Vu-Topper RM**

Which command of the following commands is used to run “JavaTest” java file’s program?

**A. java Java Test Page 33**

B. javac JavaTest

C. java JavaTest.java

D. javac JavaTest.java

**Question No:212**

**(Marks:1)**

**Vu-Topper RM**

Which of the following features is not available in Java?

A. Data hiding

B. Single inheritance

C. Data encapsulation

**D. Multiple inheritance Page 5**

**Question No:213**

**(Marks:1)**

**Vu-Topper RM**

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If you want the timer to fire only the first time and then stop, invoke

- A. setOnce(true)
- B. setOnce(false)
- C. setRepeats(true)
- D. setRepeats(false)**

**Google**

**Question No:214**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is correct syntax to create a general purpose container “myPanel” having flow layout.

- A. JPanel myPanel = JPanel (FlowLayout());
- B. JPanel myPanel = new JPanel (FlowLayout());
- C. JPanel myPanel = new JPanel (FlowLayout());
- D. JPanel myPanel = new JPanel (new FlowLayout());**

**Page 100**

**Question No:215**

**(Marks:1)**

**Vu-Topper RM**

Which of the following is the correct way to access writeObject() function using “out” ObjectOutputStream class:

- A. out<-writeObject();
- B. out->writeObject();
- C. out->(writeObject());
- D. out.writeObject();**

**Page 204**

**Question No:216**

**(Marks:1)**

**Vu-Topper RM**

In ResultSetMetaData methods, \_\_\_\_\_ method returns the number of columns in the result set:

- A. getColumnType(int)
- B. getColumnLabel(int)
- C. getColumnCount()**
- D. getColumnDisplaySize(int)

**Page 157**

**Question No:217**

**(Marks:1)**

**Vu-Topper RM**

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By implementing this interface, a class declares that it is willing to be \_\_\_\_\_ by automatic serialization machinery.

- A. Read** **Page 203**
- B. Decode
- C. Checked
- D. Destroyed

**Question No:218** **(Marks:1)** **Vu-Topper RM**

Exceptions must be handled while handling the files otherwise it may lead to \_\_\_\_\_.

- A. No error
- B. Syntax error
- C. Logical error

**D. Run-time error** **Page 54**

**Question No:219** **(Marks:1)** **Vu-Topper RM**

In ResultSetMetaData methods, \_\_\_\_\_ method returns the suggested column label for printouts.

- A. getColumnName()
- B. getColumnCount ()
- C. getColumnType (int)

**D. getColumnLabel()** **Page 157**

**Question No:220** **(Marks:1)** **Vu-Topper RM**

Which of the following statement is true about abstract class?

- A. An instance of abstract can be created.
- B. A class must have atleast one abstract method to be an abstract class.
- C. An abstract does must have all methods developed as abstract methods.

**D. A class without any abstract method can be declared as abstract class.** **Page 82**

**Question No:221** **(Marks:1)** **Vu-Topper RM**

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Which of the following statements is used to attach an input stream to console?

- A. `FileReader fr = new FileReader("input.txt");`
- B. `FileReader fr = new FileReader(FileDescriptor.in);`**
- C. `FileReader fr = new FileReader(FileDescriptor);`
- D. `FileReader fr = new FileReader(console);`

**Question No:222**

**(Marks:1)**

**Vu-Topper RM**

What feature from the list below does Java offer?

- A. Pointers
- B. Multiple Inheritance
- C. Operator Overloading
- D. Function Overriding**

**Question No:223**

**(Marks:1)**

**Vu-Topper RM**

To ensure that array accesses only with the allocated memory, the JVM performs \_\_\_\_\_ verification during runtime.

- A. consistent
- B. static
- C. fixed.
- D. dynamic**

**Question No:224**

**(Marks:1)**

**Vu-Topper RM**

Java program is compiled into \_\_\_\_\_.

- A. Machine code
- B. Source code
- C. Native code
- D. Byte code**

**Question No:225**

**(Marks:1)**

**Vu-Topper RM**

Java programs are crafted in the Editor, whereas they are saved in

- \_\_\_\_\_.
- A. usb

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- B. disk
- C. primary memory
- D. external file**

**Question No:226** (Marks:1) **Vu-Topper RM**

The output of given someTest function is \_\_\_\_\_.  
public void  
someTest() { int x; System.out.println(x); }

- A. x
- B. syntax error
- C. compile time error**
- D. run time error

**Question No:227** (Marks:1) **Vu-Topper RM**

In Java, static methods have direct access to \_\_\_\_\_.

- A. Both static and instance members
- B. Instance variables
- C. Instance methods
- D. Static variables and methods**

**Question No:228** (Marks:1) **Vu-Topper RM**

Which of the following syntaxe is used to get ResultSetMetaData object?

- A. ResultSet md = rs.getMetaData();// where rs is ResultSetMetaDta object
- B. ResultSetMetaData md = st.getMetaData();// where st is Statement object
- C. ResultSetMetaData md = rs.getMetaData();// where rs is ResultSet object**
- D. ResultSetMetaData md = con.getMetaData();// where con is Connection object

**Question No:229** (Marks:1) **Vu-Topper RM**

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AWT is a GUI package used in java, AWT stands for \_\_\_\_\_.

- A. Apache Windows Toolkit
- B. Abstract Windowing Toolkit**
- C. Application Windowing Tools
- D. Application Windows Template

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**Question No:230**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ is required in order to get an object from collection.

- A. Up-casting
- B. Down casting**
- C. Implicit casting
- D. None of the given options

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**Question No:231**

**(Marks:1)**

**Vu-Topper RM**

The following is an example of \_\_\_\_\_  
BufferedReader br = new  
BufferedReader(fr);

- A. File stream
- B. Node stream
- C. Filter stream**
- D. Byte oriented stream

**Google**

**Question No:232**

**(Marks:1)**

**Vu-Topper RM**

Which of the following functions will be used to register an event handler with an events generator, where the event generator is a button?

- A. addAction()
- B. addListener()
- C. registerListener()

**D. addActionListener()**

**Google**

**Question No:233**

**(Marks:1)**

**Vu-Topper RM**

Array List can store objects of \_\_\_\_\_.

- A. Same types only**
- B. Different types only

**Google**

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- C. Can't store objects
- D. Both same and different types

**Question No:234**

**(Marks:1)**

**Vu-Topper RM**

Which of the following stream read/write data in the form of bytes?

- A. FileReader
- B. FileWriter
- C. PrintWriter

**D. FileInputStream**

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**Question No:235**

**(Marks:1)**

**Vu-Topper RM**

An applet can be defined as:

**A. Small program written in Java and included in HTML page**  
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- B. A small program written in JSP and included in HTML page
- C. A small program written in Servlet and included in HTML page
- D. A small program written in JSF and included in HTML page

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