

Cs-506 Important Mid Term
Mcq's Solution 100% Correct :
Solve By Vu-Topper RM!!

وَعَزَّ مِنْ تَشَاءٍ وَتَذَلَّ مِنْ تَشَاءٍ



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0322-4021365

Question No:1 (Marks:1) **Vu-Topper RM**
How many ports are available for TCP socket?
64k Page 193

Question No:2 (Marks:1) **Vu-Topper RM**
In Java, _____ types of statement objects are available for sending SQL queries to the databases.
Three Page 140

Question No:3 (Marks:1) **Vu-Topper RM**
Which of the following statement object is used to execute stored procedures?
CallableStatement Page 159

Question No:4 (Marks:1) **Vu-Topper RM**
If you want the timer to fire only the first time and then stop, invoke _____.
SetRepeats G

Question No:5 (Marks:1) **Vu-Topper RM**
How many ports are available for UDP socket?
64k Page 193

Question No:6 (Marks:1) **Vu-Topper RM**
In order to include graphics in your Java program, it is mandatory to extend from-
-----class.
JPanel G

Question No:7 (Marks:1) **Vu-Topper RM**
Which of the following methods is called only once during the life cycle of an Applet?
init() Page 184

Question No:8 (Marks:1) **Vu-Topper RM**
An applet can be defined as:
A small program written in java and included in an HTML page G

Question No:9 (Marks:1) **Vu-Topper RM**
Which of the following methods is used to determine whether a database is read only or not?
isReadOnly() Page 177

Question No:10 (Marks:1) **Vu-Topper RM**
Timer t = new Timer (1000, this);
action events Page 179

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Question No:11 (Marks:1) **Vu-Topper RM**
How many simultaneous connections can be opened using TCP and UDP ports?
128k Page 193

Question No:12 (Marks:1) **Vu-Topper RM**
There are _____ steps in order to communicate successfully with database.
Eight Page 144

Question No:13 (Marks:1) **Vu-Topper RM**
An applet is typically embedded in a Web page and can be run from a browser.
False Page 181

Question No:14 (Marks:1) **Vu-Topper RM**
In the context of Java Graphics; most of time, painting is done automatically.
Java components Page 165

Question No:15 (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 () method.
False G

Question No:16 (Marks:1) **Vu-Topper RM**
In ResultSetMetaData methods, _____ method returns the suggested column label for printouts.
The getColumnLabel() Page 157

Question No:17 (Marks:1) **Vu-Topper RM**
The server just waits, listening to the socket for a client to make a connection request.
Client - Server Communicate Page 193

Question No:18 (Marks:1) **Vu-Topper RM**
Which of the following methods is invoked by the AWT package to support paint and repaint operations?
paint() Page 180

Question No:19 (Marks:1) **Vu-Topper RM**
Which of the following statement object is used to execute precompiled SQL statements?
PreparedStatement Page 147

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Question No:20 (Marks:1) **Vu-Topper RM**

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

Connection con = DriverManager.getConnection(url);

Page 153

Question No:21 (Marks:1) **Vu-Topper RM**

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

MetaDataEx Page 157

Question No:22 (Marks:1) **Vu-Topper RM**

FTP (File Transmission Protocol) works on _____ port.

21 Page 194

Question No:23 (Marks:1) **Vu-Topper RM**

Exception handling code is written in _____.

catch block Page 72

Question No:24 (Marks:1) **Vu-Topper RM**

The classes which contain the word _____ in their name are byte oriented streams.

Stream Page 84

Question No:25 (Marks:1) **Vu-Topper RM**

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

javac JavaTest.java G

Question No:26 (Marks:1) **Vu-Topper RM**

WindowListener interface contains _____ methods.

Seven Page 116

Question No:27 (Marks:1) **Vu-Topper RM**

Java developed in _____

1995 Page 12

Question No:28 (Marks:1) **Vu-Topper RM**

You can -----to a network using sockets.

Read/Write Page 222

Question No:29 (Marks:1) **Vu-Topper RM**

Socket is a -----communication channel between hosts.

Uni-directional

Bi-directional Page 211

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Question No:30 (Marks:1) **Vu-Topper RM**
To create DataBaseMetaData object we write following line of code
DataBaseMetaData db = con.getMeataData(); Page 177

Question No:31 (Marks:1) **Vu-Topper RM**
Event source can have ----- listeners registered on it.
Can't be Page 96

Question No:32 (Marks:1) **Vu-Topper RM**
A _____ defines the way and method of communication between two parties
Protocol Page 242

Question No:33 (Marks:1) **Vu-Topper RM**
Which of these are valid declarations for the main method?
public static void main(String args[]); Page 26

Question No:34 (Marks:1) **Vu-Topper RM**
In Java garbage collection is done by _____
JVM (Java Virtual Machine) Page 47

Question No:35 (Marks:1) **Vu-Topper RM**
Which of following can be thrown using the throw statement?
Exception Page 72

Question No:36 (Marks:1) **Vu-Topper RM**
JavaBeans are?
A Special form of JSP Page 367

Question No:37 (Marks:1) **Vu-Topper RM**
Java program code is compiled into form called
Byte Code Page 16

Question No:38 (Marks:1) **Vu-Topper RM**
Which of the following syntax is used to attach an input stream to console?
FileReader fr = new FileReader(' input.txt '); Page 77

Question No:39 (Marks:1) **Vu-Topper RM**
There are _____ types of exceptions in Java
2 Page 72

Question No:40 (Marks:1) **Vu-Topper RM**
Exceptions must be handled while handling files otherwise it may lead to _____
Run-time error Page 70

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Question No:41 (Marks:1) **Vu-Topper RM**
The classes which contain the word _____ are byte oriented streams.
Stream Page 87

Question No:42 (Marks:1) **Vu-Topper RM**
Which of the following stream read/write data in the form of bytes?
FileInputStream Page 87

Question No:43 (Marks:1) **Vu-Topper RM**
The relationship between class and interface is called _____
' Is a ' relationship Page 98

Question No:44 (Marks:1) **Vu-Topper RM**
Which of the following is called ' pure abstract class ' ?
Interface Page 98

Question No:45 (Marks:1) **Vu-Topper RM**
Which of the following stream is a filter stream?
BufferedReader Page 91

Question No:46 (Marks:1) **Vu-Topper RM**
Border layout divides the area into _____ regions
5 Page 113

Question No:47 (Marks:1) **Vu-Topper RM**
Which of the following function will be used to register event handler with events
generator (button)?
addActionListener() Page 123

Question No:48 (Marks:1) **Vu-Topper RM**
Event source can have ----- listeners registered on it.
Multiple Page 125

Question No:49 (Marks:1) **Vu-Topper RM**
If a class needs to handle events generated by button then which of the following
interface a class needs to implement?
ActionListener Page 122

Question No:50 (Marks:1) **Vu-Topper RM**
Which of the following function is declared in MouseMotionListener interface?
public void mouseDragged (MouseEvent me); Page 130

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- Question No:51** (Marks:1) **Vu-Topper RM**
Window Listener interface contains _____ methods.
Seven Page 133
- Question No:52** (Marks:1) **Vu-Topper RM**
Mouse events can be trapped for _____ GUI component
All of given Page 130
- Question No:53** (Marks:1) **Vu-Topper RM**
Which of the following package needs to import while interacting with relational database?
java.sql Page 149
- Question No:54** (Marks:1) **Vu-Topper RM**
Which of the following method is used to execute SELECT SQL statements?
executeQuery(sql); Page 154
- Question No:55** (Marks:1) **Vu-Topper RM**
CREATE, ALTER, DROP are _____ SQL statements.
DDL Page 156
- Question No:57** (Marks:1) **Vu-Topper RM**
Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?
executeUpdate(sql); Page 153
- Question No:58** (Marks:1) **Vu-Topper RM**
HashMap takes key as a/an ____
Object Page 62
- Question No:59** (Marks:1) **Vu-Topper RM**
Adapter classes have been defined for listener interfaces except _____
interface.
ActionListener
- Question No:60** (Marks:1) **Vu-Topper RM**
Interface imposes _____ structure on any class that uses interface
Design
- Question No:61** (Marks:1) **Vu-Topper RM**
The “MouseDragged” and “mouseMoved” method are defined in _____
interface.
MouseMotionListener 122

Question No:62 (Marks:1) **Vu-Topper RM**
Which feature of the following features does Java provide?
Function Overriding

Question No:63 (Marks:1) **Vu-Topper RM**
What will happen if static modifier is removed from the signature of main method?
The program will compile but not run.

Question No:64 (Marks:1) **Vu-Topper RM**
Bytecodes are put in memory by _____.
class loader

Question No:65 (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();
Second

Question No:66 (Marks:1) **Vu-Topper RM**
To make sure array accesses touch only the memory allocated to them. JVM does _____ checking at runtime.
Dynamic

Question No:67 (Marks:1) **Vu-Topper RM**
Which of the following is used for inheritance in java?
Extends

Question No:68 (Marks:1) **Vu-Topper RM**
A scrollable and updatable ResultSet object has the following capabilities except_____
insert new columns

Question No:69 (Marks:1) **Vu-Topper RM**
Which of the following classes is capable to instantiate?
Concrete class

Question No:70 (Marks:1) **Vu-Topper RM**
It is verified by _____ that not all bytecodes violate java security restrictions.
bytecode verifier

Question No:71 (Marks:1) **Vu-Topper RM**
In given lines of code _____ is applying. double a = 9.5; int b = (int) a;
downcasting a to b type

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Question No:72 (Marks:1) **Vu-Topper RM**
Strings in java are represented as _____.
Reference data types 19

Question No:73 (Marks:1) **Vu-Topper RM**
Timer class constructor requires time in _____.
milli seconds 179

Question No:74 (Marks:1) **Vu-Topper RM**
For each class contained in java source file, compiler generates _____ class
file/s.
One 8

Question No:75 (Marks:1) **Vu-Topper RM**
If there is a class “Student”, then the java files must be saved with _____
name.
Student.java

Question No:76 (Marks:1) **Vu-Topper RM**
Which feature of the following featured is not included in Java language?
Pointer manipulation

Question No:77 (Marks:1) **Vu-Topper RM**
Which of the following is a valid variable name in Java?
NumberOfStudent

Question No:78 (Marks:1) **Vu-Topper RM**
Which of the following features is available in java?
Primitive data types

Question No:79 (Marks:1) **Vu-Topper RM**
A port is a _____ to which processes can listen for connections
request.
Transport Address

Question No:80 (Marks:1) **Vu-Topper RM**
Which of the following packages needs to import while handling files?
java.io

Question No81 (Marks:1) **Vu-Topper RM**
_____ is/are not part of java core language.
ArrayList class

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Question No:82 (Marks:1) **Vu-Topper RM**
_____ in a collection class creates a collection with no elements.
Constructor

Question No:83 (Marks:1) **Vu-Topper RM**
== operator compare _____ of strings whereas equals() method compare _____ of strings.
Addresses, values

Question No:84 (Marks:1) **Vu-Topper RM**
You must include a _____ to declare an exception that might be thrown to another method.
Throws-clause

Question No:85 (Marks:1) **Vu-Topper RM**
Which of the following exception belongs to a category of checked exception?
IOException

Question No:86 (Marks:1) **Vu-Topper RM**
A collection can store _____.
Heterogeneous objects

Question No:87 (Marks:1) **Vu-Topper RM**
ArrayList is an example of _____ collection type
Sequence Based

Question No:88 (Marks:1) **Vu-Topper RM**
ResultSet provides various gathers to retrieve ____
Data of the column 134

Question No:89 (Marks:1) **Vu-Topper RM**
In editor java programs are created while stored on/in _____.
Disk

Question No:90 (Marks:1) **Vu-Topper RM**
The collection API are defined in _____ package.
Java.util

Question No:91 (Marks:1) **Vu-Topper RM**
HTTP works on port _____ -
80 193

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Question No:92 (Marks:1) **Vu-Topper RM**
FTP works on port
21 193

Question No:93 (Marks:1) **Vu-Topper RM**
TELNET works on port
23 193

Question No:94 (Marks:1) **Vu-Topper RM**
Which of the following package needs to be import while handling files>
java.io

Question No:95 (Marks:1) **Vu-Topper RM**
Bytecodes are created and stored on disk by _____
Compiler

Question No:96 (Marks:1) **Vu-Topper RM**
setColor is a method of _____ image?
Graphics

Question No:97 (Marks:1) **Vu-Topper RM**
DSN stands for _____
Data Source Name

Question No:98 (Marks:1) **Vu-Topper RM**
Identify those classes that are not GUI based
Vector classes page 102

Question No:99 (Marks:1) **Vu-Topper RM**
If a mouse clicks on "x" portion on the top of the window. Which Action event is
it showing?
Mouse Clicked page 119

Question No:100 (Marks:1) **Vu-Topper RM**
What is not true about communication socket:
It listens client's data requests. page 195

Question No:101 (Marks:1) **Vu-Topper RM**
Java defines _____ for the listener interfaces having more than one event
handling methods.
Adapter classes page 127

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Question No:102 (Marks:1) **Vu-Topper RM**
ServerSocket's accept() method waits for incoming connection request and when request is received, it returns a _____.
Communication socket page 197

Question No:103 (Marks:1) **Vu-Topper RM**
Which one of the following is pure java component?
Swing Components page100

Question No:104 (Marks:1) **Vu-Topper RM**
The following code is an example of _____.
Down-casting page 59

Question No:105 (Marks:1) **Vu-Topper RM**
If a sub class overrides all abstract methods of super class then it becomes ____
concrete class page 93

Question No:106 (Marks:1) **Vu-Topper RM**
When you maximizes the applet which was minimized a few time before which of the following method will be called?
start() page 185

Question No:107 (Marks:1) **Vu-Topper RM**
Stream is an abstraction of hard drive same as socket is an abstraction of _____.
Network page 194

Question No:108 (Marks:1) **Vu-Topper RM**
Which of the following GUI components can be created?
Buttons page 120

Question No:109 (Marks:1) **Vu-Topper RM**
Static methods can only access _____.
Static variables and methods page50

Question No:110 (Marks:1) **Vu-Topper RM**
A _____ in HashMap is associated with each object that is stored
Key page 63

Question No:111 (Marks:1) **Vu-Topper RM**
An exception in java is represented as a/an ____
Object page 70

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Question No:112 (Marks:1) **Vu-Topper RM**
Which of the following is a top level container?
Dialog page10

Question No:113 (Marks:1) **Vu-Topper RM**
The "MouseDragged" and "mouseMoved" methods are defined in _____
interface.
MouseMotionListener page122

Question No:114 (Marks:1) **Vu-Topper RM**
A class that is defined in another class is called _____.
Inner class page 129

Question No:115 (Marks:1) **Vu-Topper RM**
_____ translates all JDBC calls into ODBC calls and send them to the ODBC
Driver.
Type-1 page168

Question No:116 (Marks:1) **Vu-Topper RM**
Window Adaptor class implements WindowListener interface and provide the
definition of all method inside
WindowListener interface page 127

Question No:117 (Marks:1) **Vu-Topper RM**
Event handling is _____ step process.
3 page 114

Question No:118 (Marks:1) **Vu-Topper RM**
Which of the following approach is used to create threads in java?
Both inheritance and interface

Question No:119 (Marks:1) **Vu-Topper RM**
Which of the following method of an Applet is called every time when page is
minimized?
stop()

Question No:120 (Marks:1) **Vu-Topper RM**
Which of the following statement is true regarding paintComponent() method?
It first paints the background and then performs custom painting.

Question No:121 (Marks:1) **Vu-Topper RM**
Which of the following is NOT true for an Applet?
They have no access to the client's file system.

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Question No:122 (Marks:1) **Vu-Topper RM**
Which of the following syntax is used to get DataBaseMetaData object?
ResultSetMetaData md = rs.getMetaData();
// where rs is ResultSet object

Question No:123 (Marks:1) **Vu-Topper RM**
When JSP page compiled, it is translated into?
Servlet

Question No:124 (Marks:1) **Vu-Topper RM**
From the following which ID is transmitted between the client and the server
Session ID

Question No:125 (Marks:1) **Vu-Topper RM**
To define the error page in JSP we use following tag?
error-page

Question No:126 (Marks:1) **Vu-Topper RM**
A database that is created in MS Access 2003 will be saved with _____
extension.
.mdb page 138

Question No:127 (Marks:1) **Vu-Topper RM**
JDBC-ODBC stands for _____.
Java DataBase Connectivity- Open DataBase Connectivity page137

Question No:128 (Marks:1) **Vu-Topper RM**
previous() is a method of _____ object.
ResultSet page152

Question No:129 (Marks:1) **Vu-Topper RM**
AWT is also called _____.
Heavy weight components page 199

Question No:130 (Marks:1) **Vu-Topper RM**
Which of the following is a DDL statement?
Create page 144

Question No:131 (Marks:1) **Vu-Topper RM**
getColumnCount() is a method of _____ object.
Data DataBaseMetaData page 163

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Question No:132 (Marks:1) **Vu-Topper RM**
AWT is a GUI package used in java, AWT stands for_____.
Abstract Windowing Toolkit page 99

Question No:133 (Marks:1) **Vu-Topper RM**
If a class implements an interface then _____
An interface must provide implementation of all methods page 87

Question No:134 (Marks:1) **Vu-Topper RM**
Java core language is _____ than C++.
Simpler page 23

Question No:135 (Marks:1) **Vu-Topper RM**
The classes which contain the word _____ in their name are byte oriented streams.
Stream page 84

Question No:136 (Marks:1) **Vu-Topper RM**
Which of the following syntax attaches an output stream to console?
FileWriter fw = new FileWriter("output.txt"); page 86

Question No:137 (Marks:1) **Vu-Topper RM**
Which one of the following is always executes irrespective of exception occurrence?
Finally block page 72

Question No:138 (Marks:1) **Vu-Topper RM**
Which of the following operator is used to concatenate strings?
+ page 38

Question No:139 (Marks:1) **Vu-Topper RM**
To develop and execute a java program, it goes through _____ phases?
5 page 28

Question No:140 (Marks:1) **Vu-Topper RM**
Which of the following stream is a Node stream?
FileWriter page 83

Question No:141 (Marks:1) **Vu-Topper RM**
Which of the following feature provides the facility for multiple inheritance?
Interfaces page 96

Question No:142 (Marks:1) **Vu-Topper RM**
Exception handling code is written in _____
Catch block page 72

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Question No:143 (Marks:1) **Vu-Topper RM**
Which of the following method is used to convert a string into an int value?
parseInt() page 42

Question No:144 (Marks:1) **Vu-Topper RM**
The given line of code will result in _____ System.out.println(5+9);
14 page 38

Question No:145 (Marks:1) **Vu-Topper RM**
Which of the following method is used to move the cursor to given row number?
absolute(int); page 153

Question No:146 (Marks:1) **Vu-Topper RM**
If ResultSet is TYPE_FORWARD_ONLY then it _____ when you call to the
previous () method.
Throws an exception page 152

Question No:147 (Marks:1) **Vu-Topper RM**
The _____ is directly connected with keyboard.
Node stream page 83

Question No:148 (Marks:1) **Vu-Topper RM**
What will be the syntax to get an object from the first index of ArrayList?
Person p = (Person)al.get(0); page 63

Question No:149 (Marks:1) **Vu-Topper RM**
Which of the following statement is TRUE regarding default ResultSet?
The default ResultSet is updatable and moves only forward. page 150

Question No:150 (Marks:1) **Vu-Topper RM**
JVM put the events generated by event generator in a__
Queue page 118

Question No:151 (Marks:1) **Vu-Topper RM**
Node stream fall into which category of streams?
Character page 88

Question No:152 (Marks:1) **Vu-Topper RM**
Which of the given will clear all the previous painting?
super.paint Component() page 177

Question No:153 (Marks:1) **Vu-Topper RM**
Which of the following method of Graphics object is used to draw rectangle?
drawRect(10,10,20,20); 175

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Question No:154 (Marks:1) **Vu-Topper RM**
_____ is required in order to get an object from collection.
Down-casting page 61

Question No:155 (Marks:1) **Vu-Topper RM**
How many parts Java has?
Two Page12

Question No:156 (Marks:1) **Vu-Topper RM**
The attributes of a class are generally taken as_____.
private or protected Page43

Question No:157 (Marks:1) **Vu-Topper RM**
There are_____ GUI creation steps.
6 Page104

Question No:158 (Marks:1) **Vu-Topper RM**
An important purpose for writing getter & setters to control the values assigned to
a/an_____.
Attribute Page43

Question No:159 (Marks:1) **Vu-Topper RM**
Java has a built-in support for _
collections Page60

Question No:160 (Marks:1) **Vu-Topper RM**
A_____ is one endpoint of a two-way communication link between two
programs running generally on a network.
socket Page211

Question No:161 (Marks:1) **Vu-Topper RM**
Inheritance saves code rewriting for a client thus promotes
reusability Page52

Question No:162 (Marks:1) **Vu-Topper RM**
Java bytecode executes by special software known as:
Virtual Machine Page17

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