Question # 1 of 10 ( Start time: 05:50:00 AM ) Total Marks: 1  
In Rational Unified Process (RUP) horizontal dimension represents the \_\_\_\_\_\_\_\_\_\_\_ aspect of the process.  
Select correct option:  
  
**dynamic correct**  
static  
linear  
circular  
  
  
Question # 2 of 10 ( Start time: 05:51:07 AM ) Total Marks: 1  
There are two very different approaches to cost estimation. The older approach is called LOC estimation, since it is ………….. on initially estimating the number of lines of code that will need to be developed for the project.  
Select correct option:  
  
Based  
Good   
None of given  
Bad  
  
  
Question # 3 of 10 ( Start time: 05:52:31 AM ) Total Marks: 1  
Vision phase in a software process focuses on \_\_\_\_\_\_\_\_\_\_.  
Select correct option:  
  
What  
**Why  correct**  
How  
Change  
  
  
Question # 4 of 10 ( Start time: 05:54:01 AM ) Total Marks: 1  
If requirements are uncertain, \_\_\_\_\_\_\_\_\_\_\_\_\_\_ model will be a suitable option.  
Select correct option:  
  
incremental  
RAD  
Waterfall  
**Prototype correct**  
  
  
  
Question # 5 of 10 ( Start time: 05:54:54 AM ) Total Marks: 1  
Caper Jones is famous researcher in the field of \_\_\_\_\_\_\_\_\_\_\_ who made a company named Software Productivity Research  
Select correct option:  
  
Biology  
Chemistry  
Mathematics  
**Software Engineering  correct**  
  
  
Question # 6 of 10 ( Start time: 05:55:41 AM ) Total Marks: 1  
Continuous process improvement is enabled by \_\_\_\_\_\_\_\_\_\_ feedback from the \_\_\_\_\_\_\_\_\_\_.  
Select correct option:  
  
analytical , user  
mathematical, user  
logical, process  
**qualitative , process   correct**  
  
  
Question # 7 of 10 ( Start time: 05:56:49 AM ) Total Marks: 1  
W5HH Principle consists of seven \_\_\_\_\_\_\_\_\_\_\_.  
Select correct option:  
  
answers  
**questions correct**  
points  
steps  
  
  
  
Question # 8 of 10 ( Start time: 05:57:34 AM ) Total Marks: 1  
eXtreme programming model is the concept of \_\_\_\_\_\_\_\_\_\_\_\_\_programming.  
Select correct option:  
  
structural  
sequential  
**pair correct**  
event driven  
  
  
Question # 9 of 10 ( Start time: 05:59:05 AM ) Total Marks: 1  
\_\_\_\_\_\_\_\_\_\_is the ability to encourage technical people to produce to their best.  
Select correct option:  
  
Improvement  
**Motivation correct**  
Innovation  
Creation  
  
  
Question # 10 of 10 ( Start time: 06:00:11 AM ) Total Marks: 1  
Each process defines certain deliverables known as the \_\_\_\_\_\_\_\_\_\_\_\_\_.  
Select correct option:  
  
**work products correct**  
Software  
Final product  
Items

**Question No. 1**  
The keyword "this" is used to  
  
invoke constructor of super class from sub class  
**invoke alternate constructor of the same class**  
invoke constructor of the another class  
invoke constructor of sub class from super class  
  
  
**Question No. 2**  
Which of the following feature does Java provide?  
  
Multiple Inheritance  
**Overriding**Pointers  
Operator Overloading  
  
  
**Question No. 3**  
If we want to call toString() method of parent class in JAVA. Which of the following statement will be used  
  
**super.toString();**  
sub. toString();  
new. toString();  
this. toString();  
  
  
**Question No. 4**  
Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_  
  
Run time binding, compile time binding  
Late binding, compile time binding  
**Compile time binding, run time binding**  
  
  
**Question No. 5**  
Which of the following command is used to compile Java code?  
  
javac filename.java  
javac filename  
**java filename.java**  
java filename  
  
  
**Question No. 6**  
Which of the following is true about primitive data types and reference data types?  
  
Primitive data types are created on heap whereas references are created on stack  
Both primitive data types and references are created on stack  
 **Primitive data types are created on stack whereas references are created on heap** Both primitive data types and references are created on heap  
  
**Question No. 7**  
To develop and execute a java program, it goes through \_\_\_\_\_\_\_ phases?  
  
2  
3  
4  
**5**  
  
  
**Question No. 8**  
Which of the following statement regarding Java is false?  
  
The Java program can run on any CPU or operating system.  
Its object-oriented model enables programmers to benefit from its large set of existing classes.  
Java needs to be compiled only once.  
**Java can run only on a Windows operating system**. ok  
  
  
**Question No. 9**  
Which of the following operator is used to concatenate strings?  
Select correct option:  
  
+=  
+-  
++  
**+**  
  
  
**Question No. 10**  
If there is a class "Student", then the java file must be saved with \_\_\_\_\_\_ name.  
Select correct option:  
  
Student\_File.java  
student.java  
Any name  
**Student.java**

**Question # 1 of 10 ( Start time: 02:16:15 PM ) Total Marks: 1**  
What will happen if the String array is not provided as an argument to main method?  
Select correct option:  
The program does not compile  
The program compiles but does not run  
The program compiles and runs successfully  
None of the given options  
  
  
**Question # 2 of 10 ( Start time: 02:17:11 PM ) Total Marks: 1**  
Which one of the following understands the byte code?  
Select correct option:  
Operating system  
Java compiler  
**Java Virtual Machine**  
Java Interpreter  
  
  
**Question # 3 of 10 ( Start time: 02:17:56 PM ) Total Marks: 1**  
What will happen if we write static public void instead of public static void?  
Select correct option:  
Program does not compile  
Program compiles but does not run  
**Program compiles and run successfully**  
Program throws an exception  
  
 **Question # 4 of 10 ( Start time: 02:19:01 PM ) Total Marks: 1**  
The collection API are defined in \_\_\_\_\_\_\_ package.  
Select correct option:  
java.io  
**java.util**  
java.awt  
java.sql  
  
  
**Question # 5 of 10 ( Start time: 02:19:45 PM ) Total Marks: 1**  
Which one of the following feature is not available in Java?  
Select correct option:  
Data hiding  
Data encapsulation  
Single inheritance  
Multiple inheritance  
  
  
**Question # 6 of 10 ( Start time: 02:20:22 PM ) Total Marks: 1**  
Converting a bigger data type into smaller data type is called\_\_\_\_.  
Select correct option:  
Up-casting  
**Down-casting**  
Normal-casting  
High-casting  
  
  
**Question # 7 of 10 ( Start time: 02:20:53 PM ) Total Marks: 1**  
What will happen if main method is declared as private?  
Select correct option:  
The program does not compile  
The program throws an exception at run time  
**The program compiles and runs successfully**  
None of given options  
  
  
**Question # 8 of 10 ( Start time: 02:22:12 PM ) Total Marks: 1**  
If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_  
Select correct option:  
**must be protected**  
must be public  
must be private  
may be either protected or public  
  
  
**Question # 9 of 10 ( Start time: 02:23:02 PM ) Total Marks: 1**  
Which of the following is used for inheritance in java?  
Select correct option:  
implements  
**extends**  
: (colon)  
inherit  
  
  
**Question # 10 of 10 ( Start time: 02:23:50 PM ) Total Marks: 1**  
Which of the following is true about primitive data types and reference data types?  
Select correct option:  
Primitive data types are created on heap whereas references are created on stack  
**Both primitive data types and references are created on stack**  
Primitive data types are created on stack whereas references are created on heap  
Both primitive data types and references are created on

**Question No. 1**  
Which one of the following feature is not available in Java?  
  
Select correct option:  
Data hiding  
Data encapsulation  
Single inheritance  
Multiple inheritance  
  
  
**Question No. 2**  
Which of the following statement regarding Java is false?  
  
The Java program can run on any CPU or operating system.  
Its object-oriented model enables programmers to benefit from its large set of existing classes.  
Java needs to be compiled only once.  
Java can run only on a Windows operating system.  
  
  
**Question No. 3**  
The collection API are defined in \_\_\_\_\_\_\_ package.  
Select correct option:  
java.io  
**java.util**  
java.awt  
java.sql  
  
  
**Question No. 4**  
If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_  
Select correct option:  
**must be protected**  
must be public  
must be private  
may be either protected or public  
  
  
**Question No. 5**  
[ArrayList is an example](http://onlinevu.blogspot.com/) of \_\_\_\_\_\_\_collection type.  
  
Sequence based  
Set based  
Hashmap based  
**None of the given**  
  
  
**Question No. 6**  
Which of the following command is used to compile Java code?  
  
javac filename.java  
javac filename  
**java filename.java**  
java filename  
  
  
**Question No. 7**  
Static methods can only access \_\_\_\_\_\_\_\_\_\_  
  
Instance variables  
Instance methods  
**Static variables and methods**  
  
  
**Question No. 8**  
What will happen if main method is declared as private?  
  
The program does not compile  
The program throws an exception at run time  
**The program compiles and runs successfully**  
None of given options  
  
  
**Question No. 9**  
If we want to call toString() method of parent class in JAVA. Which of the following statement will be used?  
  
this. toString();  
new. toString();  
sub. toString();  
**super.toString();**  
  
  
**Question No. 10**  
Strings in java are represented as \_\_\_\_\_\_\_\_\_\_  
  
Primitive data types  
Reference data types  
Native data types  
**Objects**

**Question No. 1**  
The given line of code will result in \_\_\_\_\_\_\_\_ System.out.println(5+9);  
  
**14**  
5  
9  
error  
  
**Question No. 2**  
The [collection API](http://onlinevu.blogspot.com/) are defined in \_\_\_\_\_\_\_ package.  
  
java.io  
**java.util**  
java.awt  
java.sql  
  
  
**Question No. 3**  
Which of the following feature is not [included in Java](http://onlinevu.blogspot.com/)?  
  
Data encapsulation  
Pointer manipulation  
  
  
**Question No. 4**  
To [compare the values](http://onlinevu.blogspot.com/) of two strings, \_\_\_\_\_\_\_ must be used  
  
  
**Question No. 5**  
What will happen if [static modifier](http://onlinevu.blogspot.com/) is removed from the signature of main method?  
  
The program does not compile   
he program compiles and runs successfully  
  
  
**Question No. 6**  
If a [super class method](http://onlinevu.blogspot.com/) is protected then overriding method \_\_\_\_\_\_\_\_\_  
  
must be protected  
must be public  
  
  
**Question No. 7**  
Which of the following is a valid variable name in Java?  
  
 long  
NumberOfStudent  
vu.506 http://onlinevu.blogspot.com/  
1xu  
  
  
**Question No. 8**  
Which one of the following feature is not available in Java?  
  
Multiple inheritance  
Single inheritance  
  
  
**Question No. 9**  
A variable declared as static in a class is a/an \_\_\_\_\_\_\_\_\_  
  
Const variable  
Global variable  
**Class variable**  
  
  
**Question No. 10**  
To develop and execute a java program, it goes through \_\_\_\_\_\_\_ phases?  
3  
4  
**5**  
6

1 - What if the main method is declared as private?  
  
1. The program does not compile  
  
2. The program compiles but does not run  
  
3. The program compiles and runs properly ( From Lectuer # 2)  
  
4. The program throws an exception on compile time  
  
  
  
2 - Java program code is compiled into form called  
  
1. Machine code  
  
2. native Code  
  
3. Byte Code (From Lectuer # 2)  
  
4. Source Code  
  
  
  
3 - A top level class without any modifier is accessible to  
  
1. any class  
  
2. any class within the same package (From Lectuer # 4)  
  
3. any class within the same file  
  
4. any subclass of this class  
  
  
  
4 - Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_  
  
1. Run time binding, compile time binding  
  
2. Late binding, compile time binding  
  
3. Compile time binding, run time binding (From Lectuer # 4)  
  
4. Run time binding, late time binding  
  
  
  
5 - Static methods only access \_\_\_  
  
1. instance variable  
  
2. instance method  
  
3. static variables and methods (From Lectuer # 4)  
  
4. both static and instance members  
  
  
  
6 - Which of the following is modifier is provided by default if no access is written explicitly?  
  
1. public  
  
2. Private  
  
3. Protected  
  
4. Default (From Lectuer # 4)  
  
  
  
7 - A top level class may have only the following access modifier.  
  
1. Package  
  
2. Private  
  
3. Protected  
  
4. Public (From Lectuer # 4)  
  
  
  
8 - Which of the following is used for inheritance in java?  
  
1. implements  
  
2. extends (From Lectuer # 5)  
  
3. : (colon)  
  
4. inherit  
  
  
  
9 - A collection can store ..........  
  
1. Homogenous objects (From Lectuer # 6)  
  
2. Heterogeneous objects  
  
3. Objects as well as primitive values  
  
4. At most 100 objects  
  
  
  
10 - Which of the following syntax is used to attach an input stream to console ?  
  
1. FileReader fr = new FileReader(' input.txt ') ;  (From Lectuer # 7)  
  
2. FileReader fr = new FileReader(FileDescriptor.in);  
  
3. FileReader fr = new FileReader(FileDescriptor);  
  
4. FileReader fr = new FileReader(console);  
  
  
  
11 - Window frame and dialog use \_\_\_\_\_\_\_\_ as their default layout.  
  
1. Border layout (From Lectuer # 7)  
  
2. Flow layout  
  
3. GridBag layout  
  
4. Grid layout  
  
  
  
12 - There are \_\_\_\_\_\_\_\_\_ types of exceptions in Java  
  
1. 2  
  
2. 3 (From Lectuer # 7)  
  
3. 4  
  
4. 5  
  
  
  
13 - Which of the following belongs to a category of checked exception?  
  
1. Null Pointer exception  
  
2. IOException (From Lectuer # 7)  
  
3. Array index out of bounds  
  
4. NumberFormatException  
  
  
  
14 - Which of the following exception belongs to a category of un-checked exception?  
  
1. IOException  
  
2. Null Pointer exception (From Lectuer # 7)  
  
3. AWTException  
  
4. ClassNotFoundException  
  
  
  
15 - All the exceptions and errors in java are inherited from \_\_\_\_\_ class.  
  
1. Exception  
  
2. Error  
  
3. Throwable  (From Lectuer # 7)  
  
4. IOException  
  
  
  
  
  
16 - Exceptions must be handled while handling files otherwise it may lead to \_\_\_\_\_  
  
1. Logical error  
  
2. Syntax error  
  
3. Run-time error  (From Lectuer # 7)  
  
4. No error  
  
  
  
  
  
17 - Which of the following package needs to be import while handling files?  
  
1. java.util  
  
2. java.io   (From Lectuer # 7)  
  
3. java.awt  
  
4. javax.swing  
  
  
  
18 - When defining a method you must include a/an ....... to declare any exception that might be thrown but is not caught in the method:  
  
1. try block  
  
2. finally block  
  
3. catch block  
  
4. throws clause  (From Lectuer # 7)  
  
  
  
  
  
19 - The classes which contain the word \_\_\_\_\_ are byte oriented streams.  
  
1. Reader  
  
2. Writer  
  
3. Stream  (From Lectuer # 8)  
  
4. Byte  
  
  
  
20 - Which of the following stream read/write data in the form of bytes?  
  
1. FileReader  
  
2. FileWriter  
  
3. PrintWriter  
  
4. FileInputStream  (From Lectuer # 8)  
  
  
  
21 - An instance of abstract class cannot be created.  
  
1. TRUE  (From Lectuer # 9)  
  
2. FALSE  
  
  
  
22 - Anabstractclass ---------------instantiated.  
  
1. Cannot be (From Lectuer # 9)  
  
2. Can be  
  
3. Must  
  
4. None of these  
  
  
  
23 - The relationship between class and interface is called \_\_\_\_\_\_\_\_  
  
1. ' Is a ' relationship  (From Lectuer # 9)  
  
2. ' Has a ' relationship  
  
3. ' Responds to ' relationship  
  
4. None of the given options  
  
  
  
  
  
24 - Which of the following is called ' pure abstract class ' ?  
  
1. Concrete class  
  
2. Wrapper class  
  
3. Interface (From Lectuer # 9)  
  
4. Abstract class with no abstract method  
  
  
  
25 - Which of the following is called ' pure abstract class ' ?  
  
1. Concrete class  
  
2. Wrapper class  
  
3. Interface (From Lectuer # 9)  
  
4. Abstract class with no abstract method  
  
  
  
26 - Which of the following is true about abstract class?  
  
1. An abstract class must have all methods declared as abstract methods.  
  
2. A class must have at least one abstract method to be an abstract class.  
  
3. A class without any abstract method can be declared as abstract class. (From Lectuer # 9)  
  
4. An instance of abstract class can be created.  
  
  
  
27 - Which of the following stream is a filter stream?  
  
1. FileWriter  
  
2. FileReader  
  
3. BufferedReader (From Lectuer # 9)  
  
4. All of given options  
  
  
  
28 - JPanel and Applet use \_\_\_\_\_\_\_\_ as their default layout.  
  
1. Flow layout (From Lectuer # 10)  
  
2. Border layout  
  
3. Grid layout  
  
4. GridBag layout  
  
  
  
29 - Which of the following is true about AWT and SWING components?  
  
1. AWT components creates a process whereas SWING component creates a thread. (From Lectuer # 10)  
  
2. AWT components creates a thread whereas SWING component creates a  
  
process.  
  
3. Both AWT and SWING component creates a process.  
  
4. Both AWT and SWING component creates a thread.  
  
  
  
30 - BorderLayout is the default layout manager for a JFrame content pane  
  
1. TRUE  
  
2. FALSE (From Lectuer # 10)  
  
  
  
31 - Which of the following is a general purpose container?  
  
1. JFrame  
  
2. Dialog  
  
3. JPanel (From Lectuer # 10)  
  
4. JApplet  
  
  
  
32 - Border layout divides the area into \_\_\_\_\_\_\_ regions  
  
1. 3  
  
2. 4  
  
3. 5 (From Lectuer # 10)  
  
4. 6  
  
  
  
33 - Which of the following function will be used to register event handler with events generator (button)?  
  
1. addAction()  
  
2. addActionListener()     (From Lectuer # 11)  
  
3. addListener()  
  
4. registerListener()  
  
  
  
34 - Event source can have --------- listeners registered on it.  
  
1. Single  
  
2. Double  
  
3. Triple  
  
4. Multiple (From Lectuer # 11)  
  
  
  
35 - If a class needs to handle events generated by button then which of the following interface a class needs to implement?  
  
1. ComponentListener  
  
2. KeyListener  
  
3. MouseListener  
  
4. ActionListener   (From Lectuer # 11)  
  
  
  
36 - Which of the following function is declared in MouseMotionListener interface?  
  
1. public void mousePressed (MouseEvent me);  
  
2. public void mouseDragged (MouseEvent me);   (From Lectuer # 12)  
  
3. public void mouseClicked (MouseEvent me);  
  
4. public void mouseEntered (MouseEvent me);  
  
  
  
37 - WindowListener interface contains \_\_\_\_\_\_\_ methods.  
  
1. Four  
  
2. Six  
  
3. Seven (From Lectuer # 12)  
  
4. Eight  
  
  
  
38 - Mouse events can be trapped for \_\_\_\_\_\_\_\_ GUI component.  
  
1. JPanel  
  
2. JFrame  
  
3. JButton  
  
4. All of given (From Lectuer # 12)  
  
  
  
39 - Adapter classes have been defined for listener interfaces except \_\_\_\_\_\_ interface.  
  
1. MouseListener  
  
2. KeyListener  
  
3. WindowListener  
  
4. ActionListener (From Lectuer # 13)  
  
  
  
40 - Which of the following package needs to import while interacting with relational database?  
  
1. java.io  
  
2. java.sql (From Lectuer # 14)  
  
3. javax.swing  
  
4. java.awt  
  
  
  
41 - DSN stands for \_\_\_\_\_\_\_\_\_  
  
1. Data System Name  
  
2. Domain system Name  
  
3. Data Source Name  (From Lectuer # 14)  
  
4. Database System Name  
  
  
  
42 - Which of the following method is used to execute SELECT SQL statements?  
  
1. executeUpdate(sql);  
  
2. ExecuteUpdate(sql);  
  
3. executeQuery(sql); (From Lectuer # 14)  
  
4. ExecuteQuery(sql);  
  
  
  
43 - CREATE, ALTER, DROP are \_\_\_\_\_\_\_\_\_ SQL statements.  
  
1. DML  
  
2. DDL  (From Lectuer # 15)  
  
3. DCL  
  
4. None of given  
  
  
  
44 - Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?  
  
1. executeQuery(sql);  
  
2. ExecuteQuery(sql);  
  
3. executeUpdate(sql); (From Lectuer # 15)  
  
4. ExecuteUpdate(sql);  
  
  
  
45 - Which of the following statement object is used to execute stored procedures?  
  
1. Statement  
  
2. PreparedStatement  
  
3. CallableStatement   (From Lectuer # 15)  
  
4. None of given options  
  
46 - HahMap takes key as a/an \_\_\_\_\_\_\_\_\_  
  
1. Object  (From Lectuer # 16)  
  
2. Array  
  
3. Primitive value  
  
4. Function  
  
  
  
47 - To create DataBaseMetaData object we write following line of code  
  
1. DataBaseMetaData db = con.getMeataData();  (From Lectuer # 17)  
  
2. ResultSetMetaData rsmd = rs.getMetaData();  
  
3. ResultSetMetaData rsmd = rs.setMetaData();  
  
4. DataBaseMetaData db = con.setMeataData();  
  
  
  
48 - A ................defines the way and method of communication between two parties  
  
1. Compiler  
  
2. Protocol  (From Lectuer # 17)  
  
3. Tool  
  
4. Technique  
  
  
  
  
  
49 - Which of the following are passed as an argument to the paint () method:  
  
1. A Canvas object-  
  
2. A Graphics object-  (From Lectuer # 18)  
  
3. An Image object-  
  
4. A paint object-  
  
  
  
50 - The code below draws a line. What color is the  
  
line?g.setColor(Color.red.green.yellow.red);g.drawLine(0, 0, 100,100);  
  
1. Red  
  
2. Green  
  
3. Yellow  
  
4. Black  (From Lectuer # 18)  
  
  
  
51 - Which of the following methods are invoked by the AWT to support paint and repaint  
  
operations?  
  
1. paint( )   (From Lectuer # 19)  
  
2. repaint( )  
  
3. draw( )  
  
4. redraw( )  
  
  
  
52 - If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_  
  
1. must be protected  
  
2. must be public  (From Lectuer # 20)  
  
3. must be private  
  
4. may be either protected or public  
  
  
  
53 - Socket is a --------------communication channel between hosts.  
  
1. Uni-directional  
  
2. Bi-directional (From Lectuer # 21)  
  
3. Multi-directional  
  
4. None of these  
  
  
  
54 - Aside from the Scanner class, which of the following class/es can be used for text file file input  
  
1. ObjectInputStream (From Lectuer # 22)  
  
2. BufferedReader  
  
3. StringTokenizer  
  
4. None of these  
  
  
  
  
  
55 - You can ---------to a network using sockets.  
  
1. Read  
  
2. Write  
  
3. Read/Write  (From Lectuer # 22)  
  
4. None of these  
  
  
  
56 - A serializable class must implement the method(s)............  
  
1. readObject and writeObject  
  
2. Either readObject or writeObject, or both, depending upon the desired behavior  
  
3. No need to implement any method:   (From Lectuer # 22)  
  
4. None of the given option

Which of the following object is used for sharing resources among different servlets of same application?  
ServletConfig  
ServletRequest  
ServletResponse  
**Servlet Context  (right Answer)**

HTML form data can be processed by JSP  
**TRUE( right Answer)**  
FALSE

getParameters() method returns an array of strings containing the values for a specified servlet parameter.

True

**False**

From the following methods, which method cannot be overridden in the JSP page

**\_jspService()** **(right Answer)**  
jspDestroy()  
jspInit()  
None of these

Interface can be implemented in JSP

True

**False** **(right Answer)**

setAttribute(String, Object) associates a ----------with a name.

None of these

**Object (right Answer)**

String

Value

JSP technology is extensible

**True** **(right Answer)**

False

Packages are the way to organize files into different -------------according to their functionality, usability as well as category they should belong to.

**Directories(right Answer)**

Folders

Libraries

None of these

What is the initial contact point for handling a web request in a Page-Centric architecture?

**JSP page** **(right Answer)**

JavaBean

Servlet

HTML page

Relationship between JSP and servlets is

Servlets are built on JSP semantics and all servlets are compiled to JSP pages for runtime usage

JSP and servlets are unrelated technologies

Servlets and JSP are competing technologies for handling web requests. Servlets are being superseded by JSP, which is preferred. The two technologies are not useful in combination

**JSPs are built on servlet semantics and all JSPs are compiled to servlets for runtime usage(right Answer)**

All -----------data is kept at the application server.

Dynamic

Static

**Both dynamic and static(right Answer)**

None of these

When JSP page compiled, it is translated into?

Applet

Application

**Servlet(right Answer)**

Web Browser

From following which code can be used to create session object in the Servlet:

**HttpSession session = req.getSession(true);** **(right Answer)**

HttpSession session = req.getSession(false);

HttpSession session = req.getSession(1);

None of these

From the following indicators; which is added in user session to know the session time out?

**Sessiontimeoutindicator** **(right Answer)**

SessionTimeOutIndicator

None of these

getParameters() method returns an array of strings containing the values for a specified servlet parameter.

True

**False** **(right Answer)**

From the following which ID is transmitted between the client and the server

**Session ID (right Answer)**

Network ID

Server ID

None of these

To define the error page in JSP we use following tag?

exception-type

error-type

**error-page(right Answer)**

exception-page

Which one is used to collect data when a user navigates between web pages?

**Session Tracking** **(right Answer)**

User Tracking

None of these

Session Migration

doGet() and doPost() receive ServletRequest and ServletResponse objects as an arguments which facilitate interaction between the client and the server.

**True** **(right Answer)**

False

Which of the following problem occurs with lower priority threads?

Race condition

**Starvation (right Answer)**

Average waiting time

Process death

Which of the following Environment variable tells the system about the root directory of TOMCAT?

JAva\_HOME

**CATALINA\_HOME** **(right Answer)**

CLASSPATH

PATH

Which of the following is NOT a web technoloy of Java?

Servlet

JSP

ASP

**JSF** **(right Answer)**

Which of the following method needs to ovveride while handling threads in java?

init()

start()

**run()(right Answer)**

runnable()

Web.xml is a \_\_\_\_\_\_\_\_\_\_\_

java file

configuration file

jar file

servlet

Servlet mapping is defined in \_\_\_\_\_\_\_\_

servlet

**web.xml** **(right Answer)**

html

JSP

Which one is used to collect data when a user navigates between web pages?

**Session Tracking(right Answer)**

User Tracking

None of these

Session Migration

Which of the following is not included in simple tag while creating JSP custom tags?

Start of tag

End of tag

**Attribues(right Answer)**

None of these

To provide global control of JSP we use following tag

**<%@         %>** **right Answer)**

<%--        -%>

<%!          %>

<%=       %>

From the following which one is not a JSP directive?

Page

Include

**Taglib** **(right Answer)**

Out

Packages are the way to organize files into different -------------according to their functionality, usability as well as category they should belong to.

When a session object is invalidated, it can be again refreshed.

**True** **(right Answer)**

False

Client is referred as a

**Computer user** **(right Answer)**

Computer that a person is using for communication purpose

Person which carry out web surfing

None of these

From the following methods, which method cannot be overridden in the JSP page

**\_jspService()(right Answer)**

jspDestroy()

jspInit()

None of these

HttpServletResponse object is created when web server executes the servlet. This object is passes to the servlet service method which passes it to doGet () or doPost().

**True** **(right Answer)**

False

Servlets are used to

Create graphics

**Provide dynamic web contents which extend web servers** **(right Answer)**

Develop applets

Create GUI

From the following which is not a basic function of web-based application:

Presentation

Debugging

**Business Logic** **(right Answer)**

Data Management

HttpSession stores session information in

File system of client

File system of server

**A cookie(right Answer)**

A session object

Interface of HttpServletResponse extends class ServletResponse

Flase

**True** **(right Answer)**

getAttribute(String) extracts----------- stored value from a session object

Subsequently

None of these

**Previously(right Answer)**

Currently

getParameters() method returns an array of strings containing the values for a specified servlet parameter.

True

**False** **(right Answer)**

To destroy the session in Servlet we use?

session.destroy()

**session.invalidate()(right Answer)**

session.end()

session.Kill()

Which of the following object is used for sharing resources among different servlets of same application?

ServletConfig

ServletRequest

ServletResponse

**ServletContext** **(right Answer)**

From the following which session tracking technique is used when new session is started?

Cookies

URL Rewriting

**Both Cookies and URL Rewriting** **(right Answer)**

None of these

javax.servlet.jsp.PageContext, is used to give a ---------point of access to many of the page attributes.

Select correct option:

Single

**Multiple  (right Answer)**

All -----------data is kept at the application server.

Dynamic

Static

**Both dynamic and static(right Answer)**

None of these

"application" is a object of

Select correct option:

ServletContext.

HttpSession

ServletConfig

**None of these  Not sure**

What is the initial contact point for handling a web request in a Page-Centric architecture?

Select correct option:

**JSP page** **(right Answer)**

JavaBean

servlet

HTML page

Which of the following is the best choice as a controller in MVC Model Architecture?

**Java** **(right Answer)**

Servlet

JavaScript

JSP

From following tags, which one is the Special JSP tag?

Select correct option:

**<jsp: .…. />** **(right Answer)**

<%! %>

<%= %>

<%@ %>

JSP \_\_\_\_\_\_\_\_\_\_\_\_ action element is used to obtain a reference to an existing JavaBean object.

Select correct option:

**useBean** **(right Answer)**

setProperty

getProperty

None of these

From following methods; which method is not a part of the JSP life cycle?

jspInit()

**jspService()%>** **(right Answer)**

\_jspService()

jspDestroy()

getAttribute(String) extracts----------- stored value from a session object

Select correct option:

Subsequently

None of these

**Previously** **(right Answer)**

Currently

Which of the following is NOT true about JavaBean?

Select correct option:

It should not have any public variable.

It must be serializable.

It must not have any zero argument constructor.

**Private instances must be accessed via setters/getters.** **(right Answer)**

getId( ) returns the unique ID of

Select correct option:

Current session

Previous session

**None of these Not sure**

Next session

HTTP is a ---------protocol.

Select correct option:

**Stateless** **(right Answer)**

Connectionless

Connection oriented

None of these

JSP technology is extensible

**True** **(right Answer)**

False

When a session object is invalidated, it can be again refreshed.

**True** **(right Answer)**

False

From the following indicators; which is added in user session to know the session time out?

**Sessiontimeoutindicator** **(right Answer)**

SessionTimeOutIndicator

SessionTimeoutIndicator

None of these

JSP scripting elements is/are

Select correct option:

Declarations

Scriptlets

expressions

**All of these** **(right Answer)**

From the following methods, which method cannot be overridden in the JSP page

**\_jspService()(right Answer)**

jspDestroy()

jspInit()

None of these

Session Tracking is done through following techniques?

Cookies

Hidden fields

URL Rewriting

**All the these** **(right Answer)**

Moving session from one server to another in case of server failure is known as

Session Migration

Session Tracking

Session Hijacking

**None of these** **right Answer)**

When a session object is invalidated, it can be again refreshed.

**True** **(right Answer)**

False

Hidden Forms Fields contain the information that is needed to send to the

Client

**Server** **(right Answer)**

Both server and client

None of these

In JSP Instance variables and method are declared through following tag

<%@ %>

<%-- --%>

**<%! %>** **(right Answer)**

<%= %>

From the following methods, which method cannot be overridden in the JSP page

**\_jspService()(right Answer)**

jspDestroy()

jspInit()

None of these

Interface can be implemented in JSP

True

**False** **(right Answer)**

Which of the following is the best choice as a controller in MVC Model Architecture?

**Java** **(right Answer)**

Servlet

JavaScript

JSP

To provide global control of JSP we use following tag

**<%@         %>** **(right Answer)**

<%--        -%>

<%!          %>

<%=       %>

In JSP Instance variables and method are declared through following tag

<%@ %>

<%-- --%>

**<%! %>(right Answer)**

<%= %>

A cookie is a piece of ------- that a web server can store on a client's hard disk.

Text

Number

**String** **(right Answer)**

None of these

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 87  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 1 of 10 ( Start time: 08:45:29 AM ) | Total Marks: 1 | | An instance of abstract class cannot be created. | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  | correct | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 87  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 2 of 10 ( Start time: 08:46:01 AM ) | Total Marks: 1 | | The relationship between class and interface is called \_\_\_\_\_\_\_\_ | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  | correct | |  |  | |  |  | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 82  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 3 of 10 ( Start time: 08:46:30 AM ) | Total Marks: 1 | | Which of the following belongs to a category of checked exception? | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  | correct | |  |  | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 87  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 4 of 10 ( Start time: 08:47:01 AM ) | Total Marks: 1 | | Which of the following is true about abstract class? | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  | correct | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 88  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 5 of 10 ( Start time: 08:47:37 AM ) | Total Marks: 1 | | Based on functionality, the streams can be categorized as \_\_\_\_\_\_\_\_ | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  | correct | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 86  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 6 of 10 ( Start time: 08:48:04 AM ) | Total Marks: 1 | | Window, frame and dialog use \_\_\_\_\_\_\_\_ as their default layout. | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  |  | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 87  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 7 of 10 ( Start time: 08:49:31 AM ) | Total Marks: 1 | | Which of the following statement is true regarding paintChildren() method? | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  |  | |  | correct | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 88  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 8 of 10 ( Start time: 08:51:01 AM ) | Total Marks: 1 | | Which of the following method of Graphics object is used to draw rectangle? | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  | correct | |  |  | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 88  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 9 of 10 ( Start time: 08:52:25 AM ) | Total Marks: 1 | | A class that is defined in another class is called \_\_\_\_\_\_\_\_. | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  | correct | |  |  | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Quiz Start Time: 08:45 AM | |  |  |  | | --- | --- | --- | | Time Left | 87  sec(s) | http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif | | |
| |  |  | | --- | --- | | Question # 10 of 10 ( Start time: 08:53:47 AM ) | Total Marks: 1 | | Which of the following stream is a byte oriented stream? | | | Select correct option: | | |  | | | |  |  | | --- | --- | |  |  | |  |  | |  |  | |  | correct | | |   http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif |
| **CS506 WEB DESIGN AND DEVELOPMENT**  **Which of the following feature provide facility for multiple**  **inheritance:-**  1. Adapter Classes  2. Wrapper Classes  **3. Interface**  4. Collection  **Question # 2 of 10**  **The relationship between class and interface is called \_\_\_\_\_\_\_\_**  1. ‘Is a’ relationship  2. ‘Has a’ relationship  **3. ‘Responds to’ relationship**  4. None of the given options  **Question # 3 of 10**  **Which of the following function will be used to register event**  **handler with**  **events generator (button)?**  1. addAction()  2. addListener()  **3. addActionListener()**  4. Register eventhandeler()  **Question # 4 of 10**  **The collection API are defined in \_\_\_\_\_\_ package?**  1. Java.io  2. Java.util  **3. Java.sql**  4. Java.awt  **Question # 5 of 10**  **Which of the following is true about abstract class?**  1. An abstract class must have all methods declared as abstract  methods.  2. A class must have at least one abstract method to be an abstract  class.  **3. A class without any abstract method can be declared as**  **abstract class.**  4. An instance of abstract class can be created.  **Imrangee**  www.vuaskari.com  **Question # 6 of 10**  **Exceptions must be handled while handling files otherwise it**  **may lead to\_\_\_\_?**  1. Logical error  2. Syntax error  3. No error  **4. Run time error**  **Question # 7 of 10**  **Which of the following stream is a filter stream?**  **1. BufferedReader**  2. FileWriter  3. FileReader  4. All of given options  **Question # 8 of 10**  **CREATE, ALTER, DROP are \_\_\_\_\_\_\_\_\_ SQL statements.**  **1. DML**  2. DDL  3. DCL  4. None of above  **Question # 9 of 10**  **Which of the following statement object is used to execute**  **stored procedures?**  1. Statement  2. PreparedStatement  **3. CallableStatement**  4. None of given options  **Question # 10 of 10**  **Based on functionality, the streams can be categorized as**  **\_\_\_\_\_\_\_\_**  1. Byte oriented streams and Node Streams  2. Filter stream and Character oriented stream  **3. Node stream and Filter stream**  4. Byte oriented stream and Character oriented stream  Which of the following syntax is used to attach an input stream to console?  Which of the following method is used to execute INSERT, UPDATE and Delete SQL  statements?  The classes which contain the word \_\_\_\_\_ are byte oriented streams.  Writer  The relationship between class and interface is called \_\_\_\_\_\_\_\_  ‘Is a’ relationship  Which of the following stream read/write data in the form of bytes?  FileInputStream,  Which of the following stream is a Node stream?  PrintWriter  BufferedReader  FileWriter  f a class needs to handle events generated by button then which of the following interface  a class needs to implement?  ActionListener  Top of Form  Quiz Start Time: 01:18 PM  Time Left  6  sec(s)  Question # 1 of 10 ( Start time: 01:18:30 PM )  Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Quiz Start Time: 01:18 PM  Time Left  23  sec(s)  Question # 2 of 10 ( Start time: 01:19:57 PM )  Total Marks: 1  Which of the following is called “pure abstract class”?  Select correct option:  Concrete class  Wrapper class  Interface  Abstract class with no abstract method  Quiz Start Time: 01:18 PM  Time Left  85  sec(s)  Question # 3 of 10 ( Start time: 01:21:16 PM )  Total Marks: 1  An instance of abstract class cannot be created.  Select correct option:  True  False  Quiz Start Time: 01:18 PM  Time Left  90  sec(s)  Question # 4 of 10 ( Start time: 01:21:29 PM )  Total Marks: 1  Which of the following is used for inheritance in java?  Select correct option:  implements  extends  : (colon)  inherit  Quiz Start Time: 01:18 PM  Time Left  89  sec(s)  Question # 5 of 10 ( Start time: 01:21:43 PM )  Total Marks: 1  Which of the following package needs to import while interacting with  relational database?  Select correct option:  java.io  java.sql  javax.swing  java.awt  Quiz Start Time: 01:18 PM  Time Left  89  sec(s)  Question # 6 of 10 ( Start time: 01:22:03 PM )  Total Marks: 1  Window, frame and dialog use \_\_\_\_\_\_\_\_ as their default layout.  Select correct option:  Border layout  Flow layout  GridBag layout  Grid layout  Quiz Start Time: 01:18 PM  Time Left  21  sec(s)  Question # 7 of 10 ( Start time: 01:22:26 PM )  Total Marks: 1  A collection can store \_\_\_\_\_\_\_\_\_  Select correct option:  Homogenous objects  Heterogeneous objects  Objects as well as primitive values  At most 100 objects  Quiz Start Time: 01:18 PM  Time Left  89  sec(s)  Question # 8 of 10 ( Start time: 01:23:46 PM )  Total Marks: 1  Which of the following is a general purpose container?  Select correct option:  JFrame  Dialog  JPanel  JApplet  Quiz Start Time: 01:18 PM  Time Left  89  sec(s)  Question # 9 of 10 ( Start time: 01:24:33 PM )  Total Marks: 1  Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_  Select correct option:  Run time binding, compile time binding  Late binding, compile time binding  Compile time binding, run time binding  Run time binding, late time binding  Quiz Start Time: 01:18 PM  Time Left  89  sec(s)  Question # 10 of 10 ( Start time: 01:25:46 PM )  Total Marks: 1  The relationship between class and interface is called \_\_\_\_\_\_\_\_  Select correct option:  ‘Is a’ relationship  ‘Has a’ relationship  ‘Responds to’ relationship  None of the given options  Bottom of Form  Top of Form  Quiz Start Time: 01:30 PM  Time Left  90  sec(s)  Question # 1 of 10 ( Start time: 01:30:04 PM )  Total Marks: 1  HahMap takes key as a/an \_\_\_\_\_\_\_\_\_  Select correct option:  Object  Array  Primitive value  Function  Quiz Start Time: 01:30 PM  Time Left  89  sec(s)  Question # 2 of 10 ( Start time: 01:31:34 PM )  Total Marks: 1  Which of the following statement object is used to execute stored procedures?  Select correct option:  Statement  PreparedStatement  CallableStatement  None of given options  Quiz Start Time: 01:30 PM  Time Left  89  sec(s)  Question # 3 of 10 ( Start time: 01:32:46 PM )  Total Marks: 1  Mouse events can be trapped for \_\_\_\_\_\_\_\_ GUI component.  Select correct option:  JPanel  JFrame  JButton  All of given  Quiz Start Time: 01:30 PM  Time Left  89  sec(s)  Question # 4 of 10 ( Start time: 01:33:30 PM )  Total Marks: 1  Which of the following stream read/write data in the form of bytes?  Select correct option:  FileReader  FileWriter  PrintWriter  FileInputStream  Quiz Start Time: 01:30 PM  Time Left  89  sec(s)  Question # 5 of 10 ( Start time: 01:34:13 PM )  Total Marks: 1  Which of the following method is used to execute INSERT, UPDATE and  Delete SQL statements?  Select correct option:  executeQuery(sql);  ExecuteQuery(sql);  executeUpdate(sql);  ExecuteUpdate(sql);  Quiz Start Time: 01:30 PM  Time Left  82  sec(s)  Question # 6 of 10 ( Start time: 01:34:36 PM )  Total Marks: 1  Which of the following is true about abstract class?  Select correct option:  An abstract class must have all methods declared as abstract methods.  A class must have at least one abstract method to be an abstract class.  A class without any abstract method can be declared as abstract class.  An instance of abstract class can be created.  Quiz Start Time: 01:30 PM  Time Left  67  sec(s)  Question # 7 of 10 ( Start time: 01:34:53 PM )  Total Marks: 1  DSN stands for \_\_\_\_\_\_\_\_\_  Select correct option:  Data System Name  Domain system Name  Data Source Name  Database System Name  Quiz Start Time: 01:30 PM  Time Left  43  sec(s)  Question # 8 of 10 ( Start time: 01:35:25 PM )  Total Marks: 1  CREATE, ALTER, DROP are \_\_\_\_\_\_\_\_\_ SQL statements.  Select correct option:  DML  DDL  DCL  None of given  Quiz Start Time: 01:30 PM  Time Left  89  sec(s)  Question # 9 of 10 ( Start time: 01:36:24 PM )  Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Quiz Start Time: 01:30 PM  Time Left  74  sec(s)  Question # 9 of 10 ( Start time: 01:36:24 PM )  Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Quiz Start Time: 01:30 PM  Time Left  52  sec(s)  Question # 10 of 10 ( Start time: 01:36:49 PM )  Total Marks: 1  Which of the following function is declared in MouseMotionListener interface?  Select correct option:  public void mousePressed (MouseEvent me);  public void mouseDragged (MouseEvent me);  public void mouseClicked (MouseEvent me);  public void mouseEntered (MouseEvent me);  Bottom of Form  Top of Form  Quiz Start Time: 01:05 PM  Time Left  14  sec(s)  Question # 1 of 10 ( Start time: 01:05:44 PM )  Total Marks: 1  Which of the following is true about abstract class?  Select correct option:  An abstract class must have all methods declared as abstract methods.  A class must have at least one abstract method to be an abstract class.  A class without any abstract method can be declared as abstract class.  An instance of abstract class can be created.  Top of Form  Quiz Start Time: 01:05 PM  Time Left  66  sec(s)  Question # 2 of 10 ( Start time: 01:07:06 PM )  Total Marks: 1  Mouse events can be trapped for \_\_\_\_\_\_\_\_ GUI component.  correct option:  JPanel  JFrame  JButton  All of given  Quiz Start Time: 01:05 PM  Time Left  43  sec(s)  Question # 3 of 10 ( Start time: 01:07:46 PM )  Total Marks: 1  Which of the following is true about AWT and SWING components?  Select correct option:  AWT components creates a process whereas SWING component creates a thread.  AWT components creates a thread whereas SWING component creates a process.  Both AWT and SWING component creates a process.  Both AWT and SWING component creates a thread.  Top of Form  Quiz Start Time: 01:05 PM  Time Left  66  sec(s)  Question # 4 of 10 ( Start time: 01:08:46 PM )  Total Marks: 1  WindowListener interface contains \_\_\_\_\_\_\_ methods.  Four  Six  Seven  Eight  Question # 5 of 10 ( Start time: 01:09:22 PM )  Total Marks: 1  If a class needs to handle events generated by button then which of  the following interface a class needs to implement?  ComponentListener  KeyListener  MouseListener  ActionListener  Question # 6 of 10 ( Start time: 01:09:48 PM )  Total Marks: 1  Window, frame and dialog use \_\_\_\_\_\_\_\_ as their default layout.  Border layout  Flow layout  GridBag layout  Grid layout  Question # 7 of 10 ( Start time: 01:11:18 PM )  Total Marks: 1  Which of the following method is used to execute SELECT SQL statements?  executeUpdate(sql);  ExecuteUpdate(sql);  executeQuery(sql);  ExecuteQuery(sql);  Question # 8 of 10 ( Start time: 01:12:05 PM )  Total Marks: 1  Which of the following stream is a filter stream?  FileWriter  FileReader  BufferedReader  All of given options  Quiz Start Time: 01:05 PM  Time Left  89  sec(s)  Question # 9 of 10 ( Start time: 01:13:09 PM )  Total Marks: 1  Which of the following stream read/write data in the form of bytes?  FileReader  FileWriter  PrintWriter  FileInputStream  Top of Form  Quiz Start Time: 01:05 PM  Question # 10 of 10 ( Start time: 01:14:40 PM )  Total Marks: 1  If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_  must be protected  must be public  must be private  may be either protected or public  Quiz Start Time: 01:18 PM  Time Left 6  sec(s)  Question # 1 of 10 ( Start time: 01:18:30 PM ) Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 23  sec(s)  Question # 2 of 10 ( Start time: 01:19:57 PM ) Total Marks: 1  Which of the following is called “pure abstract class”?  Select correct option:  Concrete class  Wrapper class  Interface  Abstract class w ith no abstract method  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 85  sec(s)  Question # 3 of 10 ( Start time: 01:21:16 PM ) Total Marks: 1  An instance of abstract class cannot be created.  Select correct option:  True  False  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 90  sec(s)  Question # 4 of 10 ( Start time: 01:21:29 PM ) Total Marks: 1  Which of the following is used for inheritance in java?  Select correct option:  implements  extends  : (colon)  inherit  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 89  sec(s)  Question # 5 of 10 ( Start time: 01:21:43 PM ) Total Marks: 1  Which of the following package needs to import while interacting with relational  database?  Select correct option:  java.io  java.sql  javax.sw ing  java.aw t  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 89  sec(s)  Question # 6 of 10 ( Start time: 01:22:03 PM ) Total Marks: 1  Window, frame and dialog use \_\_\_\_\_\_\_\_ as their default layout.  Select correct option:  Border layout  Flow layout  GridBag layout  Grid layout  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 21  sec(s)  Question # 7 of 10 ( Start time: 01:22:26 PM ) Total Marks: 1  A collection can store \_\_\_\_\_\_\_\_\_  Select correct option:  Homogenous objects  Heterogeneous objects  Objects as w ell as primitive values  At most 100 objects  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 89  sec(s)  Question # 8 of 10 ( Start time: 01:23:46 PM ) Total Marks: 1  Which of the following is a general purpose container?  Select correct option:  JFrame  Dialog  JPanel  JApplet  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 89  sec(s)  Question # 9 of 10 ( Start time: 01:24:33 PM ) Total Marks: 1  Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_  Select correct option:  Run time binding, compile time binding  Late binding, compile time binding  Compile time binding, run time binding  Run time binding, late time binding  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:18 PM  Time Left 89  sec(s)  Question # 10 of 10 ( Start time: 01:25:46 PM ) Total Marks: 1  The relationship between class and interface is called \_\_\_\_\_\_\_\_  Select correct option:  ‘Is a’ relationship  ‘Has a’ relationship  ‘Responds to’ relationship  None of the given options  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 90  sec(s)  Question # 1 of 10 ( Start time: 01:30:04 PM ) Total Marks: 1  HashMap takes key as a/an \_\_\_\_\_\_\_\_\_  Select correct option:  Object  Array  Primitive value  Function  Quiz Start Time: 01:30 PM  Time Left 89  sec(s)  Question # 2 of 10 ( Start time: 01:31:34 PM ) Total Marks: 1  Which of the following statement object is used to execute stored procedures?  Select correct option:  Statement  PreparedStatement  CallableStatement  None of given options  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 89  sec(s)  Question # 3 of 10 ( Start time: 01:32:46 PM ) Total Marks: 1  Mouse events can be trapped for \_\_\_\_\_\_\_\_ GUI component.  Select correct option:  JPanel  JFrame  JButton  All of given  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 89  sec(s)  Question # 4 of 10 ( Start time: 01:33:30 PM ) Total Marks: 1  Which of the following stream read/write data in the form of bytes?  Select correct option:  FileReader  FileWriter  PrintWriter  FileInputStream  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 89  sec(s)  Question # 5 of 10 ( Start time: 01:34:13 PM ) Total Marks: 1  Which of the following method is used to execute INSERT, UPDATE and Delete SQL  statements?  Select correct option:  executeQuery(sql);  ExecuteQuery(sql);  executeUpdate(sql);  ExecuteUpdate(sql);  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 82  sec(s)  Question # 6 of 10 ( Start time: 01:34:36 PM ) Total Marks: 1  Which of the following is true about abstract class?  Select correct option:  An abstract class must have all methods declared as  abstract methods.  A class must have at least one abstract method to b  an abstract class.  A class w ithout any abstract method can be declare  abstract class.  An instance of abstract class can be created.  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 67  sec(s)  Question # 7 of 10 ( Start time: 01:34:53 PM ) Total Marks: 1  DSN stands for \_\_\_\_\_\_\_\_\_  Select correct option:  Data System Name  Domain system Name  Data Source Name  Database System Name  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 43  sec(s)  Question # 8 of 10 ( Start time: 01:35:25 PM ) Total Marks: 1  CREATE, ALTER, DROP are \_\_\_\_\_\_\_\_\_ SQL statements.  Select correct option:  DML  DDL  DCL  None of given  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 89  sec(s)  Question # 9 of 10 ( Start time: 01:36:24 PM ) Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 74  sec(s)  Question # 9 of 10 ( Start time: 01:36:24 PM ) Total Marks: 1  Which of the following belongs to a category of checked exception?  Select correct option:  Null Pointer exception  IOException  Array index out of bounds  NumberFormatException  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:30 PM  Time Left 52  sec(s)  Question # 10 of 10 ( Start time: 01:36:49 PM ) Total Marks: 1  Which of the following function is declared in MouseMotionListener interface?  Select correct option:  public void mousePressed (MouseEvent me);  public void mouseDragged (MouseEvent me);  public void mouseClicked (MouseEvent me);  public void mouseEntered (MouseEvent me);  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 14  sec(s)  Question # 1 of 10 ( Start time: 01:05:44 PM ) Total Marks: 1  Which of the following is true about abstract class?  Select correct option:  An abstract class must have all methods declared as  abstract methods.  A class must have at least one abstract method to b  an abstract class.  A class w ithout any abstract method can be declare  abstract class.  An instance of abstract class can be created.  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 66  sec(s)  Question # 2 of 10 ( Start time: 01:07:06 PM ) Total Marks: 1  Mouse events can be trapped for \_\_\_\_\_\_\_\_ GUI component.  Select correct option:  JPanel  JFrame  JButton  All of given  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 43  sec(s)  Question # 3 of 10 ( Start time: 01:07:46 PM ) Total Marks: 1  Which of the following is true about AWT and SWING components?  Select correct option:  AWT components creates a process w hereas SWIN  component creates a thread.  AWT components creates a thread w hereas SWING  component creates a process.  Both AWT and SWING component creates a process  Both AWT and SWING component creates a thread.  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 66  sec(s)  Question # 4 of 10 ( Start time: 01:08:46 PM ) Total Marks: 1  WindowListener interface contains \_\_\_\_\_\_\_ methods.  Select correct option:  Four  Six  Seven  Eight  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 75  sec(s)  Question # 5 of 10 ( Start time: 01:09:22 PM ) Total Marks: 1  If a class needs to handle events generated by button then which of the following  interface a class needs to implement?  Select correct option:  ComponentListener  KeyListener  MouseListener  ActionListener  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 37  sec(s)  Question # 6 of 10 ( Start time: 01:09:48 PM ) Total Marks: 1  Window, frame and dialog use \_\_\_\_\_\_\_\_ as their default layout.  Select correct option:  Border layout  Flow layout  GridBag layout  Grid layout  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 90  sec(s)  Question # 7 of 10 ( Start time: 01:11:18 PM ) Total Marks: 1  Which of the following method is used to execute SELECT SQL statements?  Select correct option:  executeUpdate(sql);  ExecuteUpdate(sql);  executeQuery(sql);  ExecuteQuery(sql);  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 89  sec(s)  Question # 8 of 10 ( Start time: 01:12:05 PM ) Total Marks: 1  Which of the following stream is a filter stream?  Select correct option:  FileWriter  FileReader  BufferedReader  All of given options  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 89  sec(s)  Question # 9 of 10 ( Start time: 01:13:09 PM ) Total Marks: 1  Which of the following stream read/write data in the form of bytes?  Select correct option:  FileReader  FileWriter  PrintWriter  FileInputStream  Click here to Save Answer & Move to Next Question  Quiz Start Time: 01:05 PM  Time Left 88  sec(s)  Question # 10 of 10 ( Start time: 01:14:40 PM ) Total Marks: 1  If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_  Select correct option:  must be protected  must be public  must be private  may be either protected or public  Click here to Save Answer & Move to Next Question |

Which of the following feature provide facility for multiple

inheritance:-

1. Adapter Classes

2. Wrapper Classes

3. **Interface**

4. Collection

Question # 2 of 10

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

1. ‘Is a’ relationship

2. ‘Has a’ relationship

3. ‘**Responds to’ relationship**

4. None of the given options

Question # 3 of 10

Which of the following function will be used to register event

handler with

events generator (button)?

1. addAction()

2. addListener()

**3. addActionListener()**

4. Register eventhandeler()

Question # 4 of 10

The collection API are defined in \_\_\_\_\_\_ package?

1. Java.io

2. Java.util

**3. Java.sql**

4. Java.awt

**Question # 5 of 10**

**Which of the following is true about abstract class?**

1. An abstract class must have all methods declared as abstract

methods.

2. **A class must have at least one abstract method to be an abstract**

**class.**

3. A class without any abstract method can be declared as

abstract class.

4. An instance of abstract class can be created.

Question # 6 of 10

Exceptions must be handled while handling files otherwise it

may lead to\_\_\_\_?

1. Logical error

2. Syntax error

3. No error

4**. Run time error**

Question # 7 of 10

Which of the following stream is a filter stream?

1**. BufferedReader**

2. FileWriter

3. FileReader

4. All of given options

Question # 8 of 10

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

**1. DML**

2. DDL

3. DCL

4. None of above

Question # 9 of 10

Which of the following statement object is used to execute

stored procedures?

1. Statement

2. PreparedStatement

**3. CallableStatement**

4. None of given options

Question # 10 of 10

Based on functionality, the streams can be categorized as

\_\_\_\_\_\_\_\_

1. Byte oriented streams and Node Streams

2. Filter stream and Character oriented stream

3. Node stream and Filter stream

4. Byte oriented stream and Character oriented stream

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

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

statements?

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

Writer

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

‘Is a’ relationship

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

FileInputStream,

Which of the following stream is a Node stream?

PrintWriter

**BufferedReader**

FileWriter

f a class needs to handle events generated by button then which of the following interface

a class needs to implement?

**ActionListener**

Top of Form

Quiz Start Time: 01:18 PM

Time Left

6

sec(s)

Question # 1 of 10 ( Start time: 01:18:30 PM )

Total Marks: 1

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

Select correct option:

Null Pointer exception

**IOException**

Array index out of bounds

NumberFormatException

Quiz Start Time: 01:18 PM

Time Left

23

sec(s)

Question # 2 of 10 ( Start time: 01:19:57 PM )

Total Marks: 1

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

Select correct option:

**Concrete class**

Wrapper class

Interface

Abstract class with no abstract method

Quiz Start Time: 01:18 PM

Time Left

85

sec(s)

Question # 3 of 10 ( Start time: 01:21:16 PM )

Total Marks: 1

An instance of abstract class cannot be created.

Select correct option:

**True**

False

Quiz Start Time: 01:18 PM

Time Left

90

sec(s)

Question # 4 of 10 ( Start time: 01:21:29 PM )

Total Marks: 1

Which of the following is used for inheritance in java?

Select correct option:

implements

**extends**

: (colon)

inherit

Quiz Start Time: 01:18 PM

Time Left

89

sec(s)

Question # 5 of 10 ( Start time: 01:21:43 PM )

Total Marks: 1

Which of the following package needs to import while interacting with

relational database?

Select correct option:

java.io

**java.sql correct**

javax.swing

java.awt

Quiz Start Time: 01:18 PM

Time Left

89

sec(s)

Question # 6 of 10 ( Start time: 01:22:03 PM )

Total Marks: 1

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

Select correct option:

**Border layout**

Flow layout

GridBag layout

Grid layout

Quiz Start Time: 01:18 PM

Time Left

21

sec(s)

Question # 7 of 10 ( Start time: 01:22:26 PM )

Total Marks: 1

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

Select correct option:

Homogenous objects

**Heterogeneous objects**

Objects as well as primitive values

At most 100 objects

Quiz Start Time: 01:18 PM

Time Left

89

sec(s)

Question # 8 of 10 ( Start time: 01:23:46 PM )

Total Marks: 1

Which of the following is a general purpose container?

Select correct option:

JFrame

Dialog

JPanel

**JApplet**

Quiz Start Time: 01:18 PM

Time Left

89

sec(s)

Question # 9 of 10 ( Start time: 01:24:33 PM )

Total Marks: 1

Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_

Select correct option:

Run time binding, compile time binding

Late binding, compile time binding

Compile time binding, run time binding

**Run time binding, late time binding**

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

Select correct option:

‘Is a’ relationship

‘Has a’ relationship

**‘Responds to’ relationship**

None of the given options

Bottom of Form

Top of form

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

Select correct option:

**Object**

Array

Primitive value

Function

Total Marks: 1

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

Select correct option:

Statement

PreparedStatement

**CallableStatement**

None of given options

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

Select correct option:

JPanel

JFrame

JButton

**All of given**

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

Select correct option:

FileReader

FileWriter

PrintWriter

**FileInputStream**

Which of the following method is used to execute INSERT, UPDATE and

Delete SQL statements?

Select correct option:

executeQuery(sql);

ExecuteQuery(sql);

**executeUpdate(sql);**

ExecuteUpdate(sql);

Quiz Start Time: 01:30 PM

Which of the following is true about abstract class?

Select correct option:

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

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

An instance of abstract class can be created.

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

Select correct option:

Data System Name

Domain system Name

**Data Source Name**

Database System Name

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

Select correct option:

**DML**

DDL

DCL

None of given

Quiz Start Time: 01:30 PM

Time Left

89

sec(s)

Question # 9 of 10 ( Start time: 01:36:24 PM )

Total Marks: 1

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

Select correct option

Null Pointer exception

**IOException**

Array index out of bounds

NumberFormatException

Null Pointer exception

**IOException**

Array index out of bounds

NumberFormatException

Question # 10 of 10 ( Start time: 01:36:49 PM )

Total Marks: 1

Which of the following function is declared in MouseMotionListener interface?

Select correct option:

public void mousePressed (MouseEvent me);

**public void mouseDragged (MouseEvent me);**

public void mouseClicked (MouseEvent me);

public void mouseEntered (MouseEvent me);

Bottom of Form

Top of Form

Which of the following is true about abstract class?

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

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

An instance of abstract class can be created.

Top of Form

)

**Total Marks: 1**

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

JPanel

JFrame

JButton

**All of given**

Top of Form

Quiz Start Time: 01:05 PM

Time Left

43

sec(s)

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

AWT components creates a process whereas SWING component creates a thread.

AWT components creates a thread whereas SWING component creates a process.

**Both AWT and SWING component creates a process.**

Both AWT and SWING component creates a thread.

Top of Form

Quiz Start Time: 01:05 PM

Time Left

66

sec(s)

Question # 4 of 10 ( Start time: 01:08:46 PM )

Total Marks: 1

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

Four

Six

**Seven**

Eight

Question # 5 of 10 ( Start time: 01:09:22 PM )

Total Marks: 1

If a class needs to handle events generated by button then which of

the following interface a class needs to implement?

ComponentListener

KeyListener

MouseListener

**ActionListener**

Question # 6 of 10 ( Start time: 01:09:48 PM )

Total Marks: 1

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

Border layout

Flow layout

GridBag layout

Grid layout

Question # 7 of 10 ( Start time: 01:11:18 PM )

Total Marks: 1

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

executeUpdate(sql);

ExecuteUpdate(sql);

**executeQuery(sql);**

ExecuteQuery(sql);

Question # 8 of 10 ( Start time: 01:12:05 PM )

Total Marks: 1

Which of the following stream is a filter stream?

FileWriter

FileReader

**BufferedReader**

All of given options

Quiz Start Time: 01:05 PM

Time Left

89

sec(s)

Question # 9 of 10 ( Start time: 01:13:09 PM )

Total Marks: 1

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

FileReader

FileWriter

PrintWriter

**FileInputStream**

Top of Form

Quiz Start Time: 01:05 PM

Question # 10 of 10 ( Start time: 01:14:40 PM )

Total Marks: 1

If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_

must be protected

must be public

must be private

may be either protected or public

Quiz Start Time: 01:18 PM

Time Left 6

sec(s)

Question # 1 of 10 ( Start time: 01:18:30 PM ) Total Marks: 1

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

Select correct option:

Null Pointer exception

**IOException**

**rra**y in

A dex out of bounds

NumberFormatException

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 23

sec(s)

Question # 2 of 10 ( Start time: 01:19:57 PM ) Total Marks: 1

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

Select correct option:

**Concrete class**

Wrapper class

Interface

Abstract class w ith no abstract method

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 85

sec(s)

Question # 3 of 10 ( Start time: 01:21:16 PM ) Total Marks: 1

**An instance of abstract class cannot be created.**

Select correct option:

**True**

False

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 90

sec(s)

Question # 4 of 10 ( Start time: 01:21:29 PM ) Total Marks: 1

Which of the following is used for inheritance in java?

Select correct option:

implements

**extends**

: (colon)

inherit

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 89

sec(s)

Question # 5 of 10 ( Start time: 01:21:43 PM ) Total Marks: 1

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

database?

Select correct option:

java.io

**java.sql**

javax.sw ing

java.aw t

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 89

sec(s)

Question # 6 of 10 ( Start time: 01:22:03 PM ) Total Marks: 1

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

**Select correct option:**

Border layout

Flow layout

GridBag layout

Grid layout

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 21

sec(s)

Question # 7 of 10 ( Start time: 01:22:26 PM ) Total Marks: 1

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

Select correct option:

Homogenous objects

**Heterogeneous objects**

Objects as w ell as primitive values

At most 100 objects

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 89

sec(s)

Question # 8 of 10 ( Start time: 01:23:46 PM ) Total Marks: 1

Which of the following is a general purpose container?

Select correct option:

JFrame

Dialog

JPanel

**JApplet not sure**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 89

sec(s)

Question # 9 of 10 ( Start time: 01:24:33 PM ) Total Marks: 1

Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_

Select correct option:

Run time binding, compile time binding

Late binding, compile time binding

Compile time binding, run time binding

Run time binding, late time binding

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:18 PM

Time Left 89

sec(s)

Question # 10 of 10 ( Start time: 01:25:46 PM ) Total Marks: 1

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

Select correct option:

‘Is a’ relationship

‘Has a’ relationship

‘Responds to’ relationship

None of the given options

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 90

sec(s)

Question # 1 of 10 ( Start time: 01:30:04 PM ) Total Marks: 1

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

Select correct option:

**Object**

Array

Primitive value

Function

Quiz Start Time: 01:30 PM

Time Left 89

sec(s)

Question # 2 of 10 ( Start time: 01:31:34 PM ) Total Marks: 1

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

Select correct option:

Statement

PreparedStatement

**CallableStatement**

None of given options

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 89

sec(s)

Question # 3 of 10 ( Start time: 01:32:46 PM ) Total Marks: 1

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

Select correct option:

JPanel

JFrame

JButton

**All of given**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 89

sec(s)

Question # 4 of 10 ( Start time: 01:33:30 PM ) Total Marks: 1

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

Select correct option:

FileReader

FileWriter

PrintWriter

**FileInputStream**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 89

sec(s)

Question # 5 of 10 ( Start time: 01:34:13 PM ) Total Marks: 1

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

statements?

Select correct option:

executeQuery(sql);

ExecuteQuery(sql);

**executeUpdate(sql);**

ExecuteUpdate(sql);

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 82

sec(s)

Question # 6 of 10 ( Start time: 01:34:36 PM ) Total Marks: 1

Which of the following is true about abstract class?

Select correct option:

An abstract class must have all methods declared as

abstract methods.

**A class must have at least one abstract method to b**

**an abstract class. This option is true**

A class w ithout any abstract method can be declare

abstract class.

An instance of abstract class can be created.

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 67

sec(s)

Question # 7 of 10 ( Start time: 01:34:53 PM ) Total Marks: 1

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

Select correct option:

Data System Name

Domain system Name

**Data Source Name**

Database System Name

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 43

sec(s)

Question # 8 of 10 ( Start time: 01:35:25 PM ) Total Marks: 1

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

Select correct option:

**DML**

DDL

DCL

None of given

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 89

sec(s)

Question # 9 of 10 ( Start time: 01:36:24 PM ) Total Marks: 1

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

Select correct option:

Null Pointer exception

**IOException**

Array index out of bounds

NumberFormatException

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 74

sec(s)

Question # 9 of 10 ( Start time: 01:36:24 PM ) Total Marks: 1

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

Select correct option:

Null Pointer exception

IOException

Array index out of bounds

NumberFormatException

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:30 PM

Time Left 52

sec(s)

Question # 10 of 10 ( Start time: 01:36:49 PM ) Total Marks: 1

Which of the following function is declared in MouseMotionListener interface?

Select correct option:

public void mousePressed (MouseEvent me);

**public void mouseDragged (MouseEvent me);**

public void mouseClicked (MouseEvent me);

public void mouseEntered (MouseEvent me);

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 14

sec(s)

Question # 1 of 10 ( Start time: 01:05:44 PM ) Total Marks: 1

Which of the following is true about abstract class?

Select correct option:

An abstract class must have all methods declared as

abstract methods.

**A class must have at least one abstract method to b**

**an abstract class.**

A class w ithout any abstract method can be declare

abstract class.

An instance of abstract class can be created.

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 66

sec(s)

Question # 2 of 10 ( Start time: 01:07:06 PM ) Total Marks: 1

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

Select correct option:

JPanel

JFrame

JButton

**All of given**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 43

sec(s)

Question # 3 of 10 ( Start time: 01:07:46 PM ) Total Marks: 1

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

Select correct option:

AWT components creates a process w hereas SWIN

component creates a thread.

AWT components creates a thread w hereas SWING

component creates a process.

**Both AWT and SWING component creates a process**

Both AWT and SWING component creates a thread.

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 66

sec(s)

Question # 4 of 10 ( Start time: 01:08:46 PM ) Total Marks: 1

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

Select correct option:

Four

Six

**Seven**

Eight

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 75

sec(s)

Question # 5 of 10 ( Start time: 01:09:22 PM ) Total Marks: 1

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

interface a class needs to implement?

Select correct option:

ComponentListener

KeyListener

MouseListener

**ActionListener**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 37

sec(s)

Question # 6 of 10 ( Start time: 01:09:48 PM ) Total Marks: 1

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

Select correct option:

**Border layout**

Flow layout

GridBag layout

Grid layout

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 90

sec(s)

Question # 7 of 10 ( Start time: 01:11:18 PM ) Total Marks: 1

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

Select correct option.

executeUpdate(sql);

ExecuteUpdate(sql);

**executeQuery(sql);**

ExecuteQuery(sql);

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 89

sec(s)

Question # 8 of 10 ( Start time: 01:12:05 PM ) Total Marks: 1

Which of the following stream is a filter stream?

Select correct option:

FileWriter

FileReader

BufferedReader not sure

All of given options

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 89

sec(s)

Question # 9 of 10 ( Start time: 01:13:09 PM ) Total Marks: 1

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

Select correct option:

FileReader

FileWriter

PrintWriter

**FileInputStream**

Click here to Save Answer & Move to Next Question

Quiz Start Time: 01:05 PM

Time Left 88

sec(s)

Question # 10 of 10 ( Start time: 01:14:40 PM ) Total Marks: 1

If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_

Select correct option:

must be protected

must be public

must be private

**may be either protected or public**

Click here to Save Answer & Move to Next Question

Which of the following is a general purpose container?

Select correct option:

JFrame

Dialog

JPanel

 **JApplet**

Which of the following package needs to be import while handling files?

Select correct option:

java.util

 **java.io**

java.awt

javax.swing

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

Select correct option:

try block ot confirm

catch block

finally block

 **throws clause**

Which of the following stream is a Node stream?

PrintWriter

FileWriter

 **BufferedReader**

All of given option

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

FileReader

FileWriter

PrintWriter

 **FileInputStream**

Which of the following command is used to compile Java code?

java filename

 **javac filename.java**

javac filename

java filename.java

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

 **executeQuery(sql);**

ExecuteQuery(sql);

executeUpdate(sql);

ExecuteUpdate(sql);

Which of the following stream is a filter stream?

FileWriter

FileReader

 **BufferedReader**

All of given options

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

Operator

Function

 **Object**

Primitive data type

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

Null Pointer exception

IOException

Array index out of bounds

NumberFormatException

Packages are the way to organize files into different -------------according to their functionality, usability as well as category they should belong to.

 **Directories**

Folders

Libraries

None of these

When JSP page compiled, it is translated into?

Applet

Application

 **Servlet**

Web Browser

From the following which ID is transmitted between the client and the server

 **Session ID**

Network ID

Server ID

None of these

To define the error page in JSP we use following tag?

 **exception-type**

error-type

error-page

exception-page

Web.xml is a \_\_\_\_\_\_\_\_\_\_\_

java file

 **configuration file**

jar file

servlet

Which of the following is NOT a part of HTTP request?

Request method

URI

 **Status code**

Header fields

Which of the following range of response code indicates that request was successful?

100-199

 **200-299**

300-399

400-499

Which of the following Environment variable tells the system about the root directory of TOMCAT?

JAva\_HOME

 **CATALINA\_HOME**

CLASSPATH

PATH

Which of the following folder contains configuration file?

Classes

Lib

Bin

 **WEB-INF**

Which of the following is NOT a web technoloy of Java?

Servlet

JSP

ASP

 **JSF**

Which of the following approch is used to create threads in java?

inheritance

interface

 **Both inheriance and interface**

None of these

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

Select correct option:

 **FileWriter fw = new FileWriter(“output.txt”);**

FileWriter fw = new FileWriter(FileDescriptor.out);

FileWriter fw = new FileWriter(FileDescriptor.in);

FileWriter fw = new FileWriter(FileDescriptor);

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

Select correct option:

The program does not compile

The program compiles and runs successfully

 **The program compiles but does not run**

None of given options

v What will happen if main method is declared as private?

Select correct option:

The program does not compile

 **The program throws an exception at run time**

The program compiles and runs successfully

None of given options

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

Select correct option:

Homogenous objects

Heterogeneous objects

 **Objects as well as primitive values**

At most 100 objects

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

Select correct option:

int, string

string, int

 **string, object**

object, string

Based on functionality, the streams can be categorized as \_\_\_\_\_\_\_\_

Select correct option:

Byte oriented stream and Node stream

Filter stream and Character oriented stream

 **Node stream and Filter stream**

Byte oriented stream and Character oriented stream

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

Select correct option:

FileReader

FileWriter

PrintWriter

 **FileInputStream**

If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_

Select correct option:

must be protected

must be public

must be private

 **may be either protected or public**

Quiz Start Time: 07:13 PM Time Left 81

sec(s)

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

Select correct option:

Instance variable

 **Class variable**

Const variable

Global variable

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

FileReader

FileWriter

PrintWriter

 **FileInputStream**

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

 **Object**

Array

Primitive value

Function

Which of the following feature is not available in java

Pointers

Operator overloading

Global variables

 **All of given options**

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

Instance variables

Instance methods

 **Static variables and methods**

Both static and instance members

What will happen if we write static public void instead of public static void?

Select correct option:

Program does not compile

Program compiles but does not run

 **Program compiles and run successfully**

Program throws an exception

Which of the following method is called only once during life cycle of Servlet

Service()

 **Init()**

Destroy()

Start()

Which of the following method allows any other thread of same priority to execute?

Sleep()

Wait()

Notify()

 **Yield()**

Which of the following problem occurs with lower priority threads?

Race Condition

 **Starvation**

Average waiting time

Process Death

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

IntValue()

parselnt()

 **Parselnt()**

parselInteger()

The classes which contain the word \_\_\_\_\_ are bytes oriented streams.

Reader

Writer

 **Stream**

Byte

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

=operator

==operator

 **Equal()method**

Compare()method

Which of the following stream is a Node stream?

PrintWriter

FileWriter

 **BufferedReader**

All of the given option

The given line of code will results in \_\_\_\_\_\_\_\_\_\_\_ system.out.println(5+9);

59

5+9

 **14**

syntax error

Which of the following feature provides the facility for multiple inheritance

Adapter Classes

Wrapper Classes

 **Interfaces**

Collections

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

Value, Addresses

 **Address, Values**

Size, Addresses

Addresses, Size

Which of the following package needs to be import while handling files?

Java.util

 **Java.io**

Java.awt

Javas.swing

Which of the following command is used to run java program?

Java filename.java

 **Java filename**

Javac filename.java

Javac filename

What will happen if we write static public void instead of public static void?

Program does not compile

Program compiles but does not run

Program compiles and run successfully

 **Program throws an exception**

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

FileReader fr=new FileReader((input.txt))

FileReader fr=new FileRead(FileDescriptor.in);

 **FileReader fr=new FileReader(FileDescriptor);**

Is it possible to provide more than one main method within same class?

True

 **False**

Which of the following is true about abstract class?

 **An abstract class must have all methods declared as abstract methods.**

A class must have at least one abstract method to be abstract class.

A class without any abstract method can be declared as abstract class.

An instance of abstract class can be created

If a super class method is protected then overriding method \_\_\_\_\_\_\_\_\_

Select correct option:

must be protected

 must be public

must be private

may be either protected or public

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

Select correct option:

IOException

 Null Pointer exception

AWTException

ClassNotFoundException

Which of the following is called ' pure abstract class ' ?

Concrete class

Wrapper class

 **Interface**

Abstract class with no abstract method

Which of the following is true about abstract class?

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

 **A class without any abstract method can be declared as abstract class.**

An instance of abstract class can be created.

Which of the following stream is a filter stream?

FileWriter

FileReader

 **BufferedReader**

All of given options

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

Reader

Writer

 **Stream**

Byte

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

ileReader

FileWriter

PrintWriter

 **FileInputStream**

An instance of abstract class cannot be created.

TRUE

FALSE

An abstract class ---------------instantiated.

 **Cannot be**

Can be

Must

None of these

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

 **' Is a ' relationship**

' Has a ' relationship

' Responds to ' relationship

None of the given options

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

Null Pointer exception

 **IOException**

Array index out of bounds

NumberFormatException

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

IOException

 **Null Pointer exception**

AWTException

ClassNotFoundException

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

Exception

Error

 **Throwable**

IOException

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

Logical error

Syntax error

 **Run-time error**

No error

Which of the following package needs to be import while handling files?

java.util

 **java.io**

java.awt

javax.swing

When defining a method you must include a/an ....... to declare any exception that

might be thrown but is not caught in the method:

try block

finally block

catch block

 **throws clause**

A top level class may have only the following access modifier.

Package

Private

Protected

 **Public**

Which of the following is used for inheritance in java?

implements

 **extends**

: (colon)

inherit

A collection can store ..........

 **Homogenous objects**

Heterogeneous objects

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

 **FileReader fr = new FileReader(' input.txt ') ;**

FileReader fr = new FileReader(FileDescriptor.in);

FileReader fr = new FileReader(FileDescriptor);

FileReader fr = new FileReader(console);

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

 **Border layout**

Flow layout

GridBag layout

Grid layout

There are \_\_\_\_\_\_\_\_\_ types of exceptions in Java

2

 **3**

4

5

What if the main method is declared as private?

The program does not compile

The program compiles but does not run

 **The program compiles and runs properly**

The program throws an exception on compile time

Java program code is compiled into form called

Machine code

native Code

 **Byte Code**

Source Code

A top level class without any modifier is accessible to

any class

 **any class within the same package**

any class within the same file

any subclass of this class

Overloading is \_\_\_\_\_\_\_ whereas overriding is \_\_\_\_\_

Run time binding, compile time binding

Late binding, compile time binding

 **Compile time binding, run time binding**

Run time binding, late time binding

Static methods only access \_\_\_

instance variable

instance method

 **static variables and methods**

both static and instance members

Which of the following is modifier is provided by default if no access is written explicitly?

public

Private

Protected

 **Default**

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

 **Object**

www.virtualians.pk www.virtualians.pk

Array

Primitive value

Function