CS-506 Web Design & Develop

Update MCQS For Quiz-4 File

Solve By Vu Topper RM

85% To 100% Marks



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How does URL rewriting work in Java web applications?

A. Appending session ID as a query parameter to the URL.
B. Modifying the URL in the client's browser using JavaScript.
C. Replacing URL paths with user-friendly aliases.
D. Storing session ID in cookies.

Which of the following is the correct format of writing a taglib directive in JSP?

A. <%@ taglib {attribute="val"} %>
B. <%! taglib {attribute="val"} %>
C. <%# taglib {attribute="val"} %>
D. <%$ taglib {attribute="val"} %>

The business layer in Java applications is responsible for:

A. Managing the application's database connectivity
B. Storing and retrieving data from persistent storage
C. Handling user interface rendering and event handling
D. Implementing business logic and processing rules

Which of the following is the correct format of writing an include directive in JSP?

A. <%$ include {attribute="val"} %>
B. <%# include {attribute="val"} %>
C. <%@ include {attribute="val"} %>
D. <%! include {attribute="val"} %>

HTML comments are _____ in browser and JSP comments are _____ in browser.

A. shown, shown
B. shown, hidden
C. hidden, shown
D. hidden, hidden

Which of the following is responsible for handling user interactions and displaying data in a Java application?

A. Presentation layer
B. Persistence layer
C. Business layer
D. Data layer

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HttpServletResponse provides _____ methods to perform encoding in java.

A. One
B. Two **Page 317**
C. Four
D. Three

What is a package in Java?

A. A group of classes with similar functionality.
B. A folder or directory that organizes related classes and interfaces.
C. A collection of methods for a specific task.
D. A set of variables used in a program.

Which method is used to encode a URL for URL rewriting in Java Servlets?

A. session.encodeURL(String url)
B. response.encodeURL(String url)
C. request.encodeURL(String url)
D. context.encodeURL(String url)

Which session tracking technique appends the session ID as a query parameter in the URL?

A. Cookies
B. Database storage
C. URL rewriting
D. Hidden form fields

Which directive is used to import Java classes in JSP?

A. <%-- --%>
B. <scriptlet>
C. <include>
D. <import>

How does JSP differ from servlets?

A. JSP is written in Java, while servlets are written in JavaScript.
B. JSP is executed on the server and generates dynamic content, while servlets handle requests and responses.
C. JSP allows for a mixture of HTML and Java code, while servlets are purely Java code.

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D. JSP is used for client-side interactions, while servlets handle server-side operations.

How do you set the maximum age of a Cookie object in Java?
A. myCookie.setAge(3600);
B. myCookie.setMaxAge(3600);
C. myCookie.setMaxAgeInSeconds(3600);
D. myCookie.setExpiration(3600);

The data layer in Java applications is responsible for:
A. Presenting data to the user in a user-friendly format
B. Storing and retrieving data from persistent storage
C. Handling user input validation and error handling
D. Handling user authentication and authorization

The method "cookie.setMaxAge(12)" indicates that the cookie will expire after _____ .
A. 12 Days
B. 12 Seconds
C. 12 Hours
D. 12 Minutes

Which of the following is the correct method of HttpServletResponse to perform encoding in java?
A. String encodeRedirect(String URL)
B. String encodeMineURL(String URL)
C. String RedirectURL(String URL)
D. String encodeRedirectURL(String URL)

What is the correct syntax to create a Cookie object in Java?
A. Cookie myCookie = createCookie("name", "value");
B. Cookie myCookie = new Cookie("name", "value");
C. Cookie myCookie = Cookie.createCookie();
D. Cookie myCookie = new Cookie();

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In which technique does the server store a unique session identifier on the client's browser?

A. Cookies
B. URL rewriting
C. Database storage
D. Hidden form fields

What is URL rewriting in Java web applications?

A. Rewriting URLs to make them more user-friendly.
B. Encoding special characters in URLs for secure communication.
C. Modifying the URL of a web page for search engine optimization.
D. Manipulating URLs to maintain session state in web applications.

Which of the following techniques is not used for session tracking in web applications?

A. Serialization
B. URL Rewriting
C. Cookies
D. Hidden form fields

setContentLength() method of HTTPServletResponse sets the length of content by taking _____ parameter as length.

A. float
B. character
C. integer
D. string

Each web application has _____ servlet context/s.

A. 0
B. 2
C. 1
D. 3

getProtocol() method of HTTPServletRequest is used to get the _____ and _____ of protocol.

A. id, version
B. name, version
C. name, class

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D. id, class

The _____ method actually processes the clients request.
A. destroy()
B. init()
C. service()
D. yield()

Choose correct integer value for predefined Thread Priority "Thread.NORM_PRIORITY" in Java.
A. 7
B. 1
C. 5
D. 10

From the following packages which one is used to write the servlets?
A. java.util
B. javax
C. java
D. java.lang

Question No:1 (Marks:1) Vu-Topper RM
By means of Page Directive, a JSP can be given the responsibility of an Error page.
True Page 389
False

Question No:2 (Marks:1) Vu-Topper RM
Which of the following is the correct format of writing a page directive in JSP?
A. <%@ taglib {attribute="val"} %> Page 379
B. <%$ taglib {attribute="val"} %>
C. <%! taglib {attribute="val"} %>
D. <%# taglib {attribute="val"} %>

Question No:3 (Marks:1) Vu-Topper RM
Tag Library Descriptor (.tld) file is a simple text base document.
False Page 378
True

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Question No:4 **(Marks:1)** **Vu-Topper RM**

JSP Stands for _____ .

A. Java Server Page **Google**

B. Java Servlet Pages

C. Java Server Program

D. Java Standard Protocol

Question No:5 **(Marks:1)** **Vu-Topper RM**

Which of the following approach is also called page-with-bean approach.

A. MVC Model1 **Page 404**

B. MVC Model2

C. MVC Model3

D. Page-Centric approach

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

Which of the following is the main idea behind partitioning a web application into layers?

A. Increase Decoupling

B. Reduce Coupling.

C. Increase Coupling

D. Reduce Decoupling

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

Which of the following architecture introduces a controller?

A. MVC Model 3

B. MVC Model 2 **Page 404**

C. MVC Model 1

D. MVC Model 4

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

Which file extension is used for JSP files?

A. .js

B. .java

C. .jsp **Google**

D. .html

Question No:9 **(Marks:1)** **Vu-Topper RM**

Which of the following is true about tag with attributes in JSP?

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A. All of the given options Page 377
B. It has attribute within tag
C. It has no body enclosed
D. It has start and end of tag

Question No:10 (Marks:1) Vu-Topper RM
The correct way to define a JSP forward action element is:
A. <jsp:forward page = "one.jsp" /> Page 373
B. <jsp:forward page # "one.jsp" />
C. <jsp:forward page $ "one.jsp" />
D. <jsp:forward page @ "one.jsp" />

Question No:11 (Marks:1) Vu-Topper RM
Is it true that Enterprise Applications need to support multiple types of users with multiple types of interfaces?
Yes
NO

Question No:12 (Marks:1) Vu-Topper RM
A separate controller is a part of which of the following approache?
A. MVC Model 3
B. MVC Model 2 Page 404
C. MVC Model 1
D. Page-Centric approach

Question No:13 (Marks:1) Vu-Topper RM
What is a JavaBean?
A. A type of coffee available in Java.
B. A framework for developing web applications in Java.
C. A built-in data type in Java for storing numerical values.
D. A lightweight Java class that encapsulates data and behavior. Google

Question No:14 (Marks:1) Vu-Topper RM
Which of the following choices is the best choice as acontroller in MVC Model Architecture?
A. JavaScript
B. Java
C. Servlet Page 421

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D. JSP

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

Normally web applications are partitioned into _____ logical layers.

A. one
B. two
C. fore
D. three **Page 243**

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

What is the purpose of JSP?

A. To define the structure and styling of web pages.
B. To manage server configurations and deployments.
C. To handle client-side scripting in web applications.
D. To generate dynamic web content using Java code. **Google**

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

Which keyword is used to declare a package in Java?

A. Include
B. import
C. Package **Google**
D. Namespace

Question No:18 **(Marks:1)** **Vu-Topper RM**

Which of the following information is required by the JSP container?

A. Tag name
B. JSP version
C. Tag library version
D. All of the given options **Page 379**

Question No:19 **(Marks:1)** **Vu-Topper RM**

In context of JSP custom tags, is it true that a "Tag with Attributes" does NOT have a body?

True **Page 377**
False

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

In page-with-Bean (MVC Model1) approach all the business logic goes into .....

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A. JSPs
B. Servlets
C. JavaScript
D. JavaBeans Page 404

Question No:21 (Marks:1) Vu-Topper RM
The method "getAttribute(String)" of HttpSession class extracts _____ stored value from a session object.
A. Subsequently
B. First
C. Previously Page 321
D. Currently

Question No:22 (Marks:1) Vu-Topper RM
The correct way to call an error page in JSP is:
%@page ... isErrorPage = "error.jsp"%

Question No:23 (Marks:1) Vu-Topper RM
A Java class that follows certain design conventions is called_____.
A. ServletBean
B. SwingBean
C. JavaBean Page 353
D. JSPBean

Question No:24 (Marks:1) Vu-Topper RM
In MVC Model1 architecture, the JSP page alone is responsible for processing the incoming request and replying back to the client.
True Page 403
False

Question No:25 (Marks:1) Vu-Topper RM
The correct way to declare a page as an error page in JSP is:
A. <%@page … SetErrorPage = "true"%>
B. <%@page … errorPage = "true"%>
C. <%@page … isErrorPage = "true"%> Page 389
D. <%@page … getErrorPage = "true"%>

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

In context of JSP custom tags, a simple tag also has a body.

False Page 376

True

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

In JSP, _____ is an implicit object, which belongs to ServletConfig class and represents the JSP configuration options.

A. Config Page 344

B. Session

C. Application

D. PageContext

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

_____ is NOT the type of HTTP request.

A. Delete

B. Update Page 262 ok

C. Post

D. Get

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

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

A. Key

B. Mouse

C. Action Page 179

D. Window

Question No:30 **(Marks:1)** **Vu-Topper RM**

CGI (Common Gateway Interface) was widely used for generating _____ .

A. Static web content

B. Mobile application

C. Desktop application

D. Dynamic web content Page 245 ok

Question No:31 **(Marks:1)** **Vu-Topper RM**

FTP (File Transmission Protocol) works on _____ port.

A. 21 Page 193

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B. 23
C. 80
D. 84

Question No:32 **(Marks:1)** **Vu-Topper RM**
In the context of Java Thread, sleep() method throws _____ exception.
A. Interrupted Page 233 ok
B. Input output
C. File not found
D. Index out of bound

Question No:33 **(Marks:1)** **Vu-Topper RM**
By implementing this interface, a class declares that it is willing to be _____ by automatic serialization machinery.
A. Read Page 203
B. Decode
C. Checked
D. Destroyed

Question No:34 **(Marks:1)** **Vu-Topper RM**
Which of the following range of response code signify error by server?
A. 200-299
B. 300-399
C. 500-599 Page 232 ok
D. 400-499

Question No:35 **(Marks:1)** **Vu-Topper RM**
Which of the following methods takes the place of constructor in an Applet?
A. run()
B. start()
C. init() Page 184
D. main()

Question No:36 **(Marks:1)** **Vu-Topper RM**
How many ports are available for TCP socket?
A. 64
B. 128
C. 64k Page 193

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D. 128k

Question No:37 **(Marks:1)** **Vu-Topper RM**

int i = (int)(Math.random() * 5); // will generate random numbers between_____ .

A. 0 & 5
B. 1 & 4
C. 1 & 5
D. 0 & 4 **Page 187**

Question No:38 **(Marks:1)** **Vu-Topper RM**

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

A. Header fields
B. URI
C. Request method
D. Status code **Page 232** **ok**

Question No:39 **(Marks:1)** **Vu-Topper RM**

Which of the following problem occurs with lower priority threads?

A. Process death
B. Starvation **Page 218** **ok**
C. Race condition
D. Average waiting time

Question No:40 **(Marks:1)** **Vu-Topper RM**

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

A. init() **Page 184**
B. service()
C. destroy()
D. start()

Question No:41 **(Marks:1)** **Vu-Topper RM**

Which of the following approach can used to create threads in java?

A. Inheritance **Page 212** **ok**
B. Abstraction
C. Composition
D. Polymorphism

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Question No:42 **(Marks:1)** **Vu-Topper RM**

Choose correct integer value for predefined Thread Priority "Thread.MAX_PRIORITY" in java.

A. 1
B. 5
C. 10 Page 216 ok
D. 7

Question No:43 **(Marks:1)** **Vu-Topper RM**

An applet can be defined as:

A. A small program written in java and included in an HTML page. Page 181
B. A small program written in JSP and included in an HTML page.
C. A small program written in servlet and included in an HTML page.
D. A small program written in JSF and included in an HTML page.

Question No:44 **(Marks:1)** **Vu-Topper RM**

Choose correct line of code to start a thread 't' in Java.

A. T-start()
B. t=start()
C. t->start()
D. t.start() Page 213

Question No:45 **(Marks:1)** **Vu-Topper RM**

Which of the following method needs to override while handling threads injava?

A. start()
B. runnable()
C. run() Page 212 ok
D. init()

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

JAVA_Home indicates the _____ of JDK.

A. Bin folder
B. Webapps folder
C. Web page
D. Root directory Page 248 dk

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

If attribute is "name" and value is "ahmad" then the GET request will be _____ .

A. http://www.gmail.com/register?name=ahmad Page 262 ok
B. http://www.gmail.com/register#name=ahmad
C. http://www.gmail.com/register&name=ahmad
D. http://www.gmail.com/register?name.ahmad

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

Servlets are java technology's answer to _____ programming.

A. CGI Page 245 ok
B. Perl
C. C++
D. C

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

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

A. 100-199
B. 200-299 Page 234 ok
C. 300-399
D. 400-499

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

Which of the following variable value will not be set during theinstallation and configuration of Apache Tomcat Server?

A. CLASSPATH
B. CATALINA_HOME
C. JDK_HOME Page 247 ok
D. JAVA_HOME

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

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

A. Yield() Page 224
B. Sleep()
C. Wait()
D. Notify()

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

Socket is a _____ commnunication channel between hosts.

A. tri-directional
B. uni-directional
C. multi-directional
D. bi-directional **Page 193**

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

In _____ state, thread is assigned a processor to run.

A. Ready
B. New
C. Running **Page 226**
D. Dead

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

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

A. paint()
B. draw()
C. redraw()
D. repaint() **Page 174**

Question No:55 **(Marks:1)** **Vu-Topper RM**

How many methods are there in the Serializable Interface?

A. Zero **Page 203**
B. One
C. Two
D. Three

Question No:56 **(Marks:1)** **Vu-Topper RM**

Real world business objects are represented in _____..

A. Data layer **Page 243** **ok**
B. Presentation
C. Business layer
D. Application layer

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Question No:57 **(Marks:1)** **Vu-Topper RM**

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

A. Public class PersonInfo extends Serializable{/*class body*/}
B. Public class PersonInfo includes Serializable{/*class body*/}
C. Public class PersonInfo responds Serializable{/*class body*/}
D. Public class PersonInfo Implements Serializable{/*class body*/}
Page 204

Question No:58 **(Marks:1)** **Vu-Topper RM**

Servlet mapping is defined in _____

A. JSP
B. html
C. servlet
D. web.xml Page 265 ok

Question No:59 **(Marks:1)** **Vu-Topper RM**

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

A. viewer htmlfile
B. applet htmlfile
C. appletviewer javafile
D. appletviewer htmlfile Page 183

Question No:60 **(Marks:1)** **Vu-Topper RM**

Which of the given will clear all the previous painting?

A. super.paint
B. super.redraw()
C. super.repaint()
D. super.paintComponent() Page 175

Question No:61 **(Marks:1)** **Vu-Topper RM**

"Ready State" means a thread is in _____ .

A. New state Page 226 ok
B. Waiting state
C. Ready state
D. Dead state

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Question No:62 **(Marks:1)** **Vu-Topper RM**

In web.xml, root tag _____ represents web application.

A. Webapp
B. <web-app> Page 255 ok
C. <webapp>
D. <web.app>

Question No:63 **(Marks:1)** **Vu-Topper RM**

How many methods are there in the Serializable Interface?

A. Java.io Google
B. java.sql
C. Java.util
D. None of above

Question No:64 **(Marks:1)** **Vu-Topper RM**

Which of the following is not a servlet related package?

A. javax.servlet.Servlet
B. javax.servlet
C. javax.servlet.http
D. javax.servlet.Svit Page 260 ok

Question No:65 **(Marks:1)** **Vu-Topper RM**

Inside <servlet-mapping> tag, first write _____ of the servlet using _____ tag in web.xml.

A. url, <servlet-url>
B. name, <servlet-name> Page 265 ok
C. url, <url-pattern>
D. class, <servlet-class>

Question No:66 **(Marks:1)** **Vu-Topper RM**

Which of the following is NOT true about HTTP?

A. HTTP is a request response communication model
B. HTTP has no built-in state management between successive requests
C. HTTP maintains user session between successive requests Page 231 ok
D. HTTP is a stateless protocol

Question No:67 **(Marks:1)** **Vu-Topper RM**

Engine of the servlet is _____ method.

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A. service() Page 268 ok
B. load()
C. init()
D. Create()

Question No:68 (Marks:1) Vu-Topper RM
Choose the correct statement by which thread 't' causes currently executing thread to block until thread 't' finishes its run() method.
A. t.join() Page 229 ok
B. t.wait()
C. t.start()
D. t.sleep()

Question No:69 (Marks:1) Vu-Topper RM
Which of the following statement is correct to assign maximum priority to thread "t2"?
A. t2.setPriority(Thread.PRIORITY_MiX)
B. t2.setPriority(Thread.PRIORITY_MAX)
C. .t2.setPriority(Thread.MAX_PRIORITY) ok
D. .t2.setPriority(Thread.MIN_PRIORITY)

Question No:70 (Marks:1) Vu-Topper RM
Assume that we do not want to serialize phoneNum attribute of PersonInfo class, this can be done by:
A. client String phoneNum;
B. server String phoneNum;
C. serializable String phoneNum;
D. transient String phoneNum; Page 208

Question No:71 (Marks:1) Vu-Topper RM
Choose correct integer value for predefined Thread Priority "Thread.MIN_PRIORITY" in Java.
A. 1 ok
B. 7
C. 5
D. 10

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Question No:72 **(Marks:1)** **Vu-Topper RM**

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

A. Servlet
B. JSP
C. ASP ok
D. JSF

Question No:73 **(Marks:1)** **Vu-Topper RM**

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

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

Question No:74 **(Marks:1)** **Vu-Topper RM**

In the context of HTTP Response Code, the values in the 200s signify that _____.

A. Request was successful Page 231 ok
B. Request was not successful
C. Error by server
D. Error by client

Question No:75 **(Marks:1)** **Vu-Topper RM**

The webapps folder is the _____ Tomcat directory that contains all the web applications deployed on the server.

A. Least-level
B. Top-level Page 258 ok
C. Mid-level
D. Bottom-level

Question No:76 **(Marks:1)** **Vu-Topper RM**

Choose correct line of code to inherit a worker class from thread class in java.

A. Public class worker new thread()
B. Public class worker inherit thread()
C. Public class worker implement thread()
D. Public class worker extends thread() Page 214 ok

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Question No:77 **(Marks:1)** **Vu-Topper RM**

Thread sleep () method causes the currently executing thread to wait for the time in _____.

A. Nanoseconds
B. Microseconds
C. Milliseconds **Page 223** **ok**
D. Zeptoseconds

Question No:78 **(Marks:1)** **Vu-Topper RM**

setColor() is a method of _____ object.

A. Image
B. JPanel
C. JFrame
D. Graphics **Page 172**

Question No:79 **(Marks:1)** **Vu-Topper RM**

Which of the following methods of an Applet is called every time when page is minimized?

A. init()
B. stop() **Google**
C. start()
D. destroy()

Question No:80 **(Marks:1)** **Vu-Topper RM**

Which of the following is not the part of http response?

A. URL **Google** **ok**
B. Header files
C. Status code
D. Result Code

Question No:81 **(Marks:1)** **Vu-Topper RM**

In the context of HTTP Response Code, the values in the 400s indicate that _____.

A. error by client **Page 235** **ok**
B. Resource is available
C. Error by server
D. Resource is not available

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Question No:82 **(Marks:1)** **Vu-Topper RM**

http response code 403 indicates that----------

A. access to the requested resource was successful
B. resource has been destroyed
C. access to the requested resource has been denied Page 231
D. resource can be accessed after one hour

Question No:83 **(Marks:1)** **Vu-Topper RM**

When a thread is in "new state" during its lifecycle, it is----------

A. In ready queue
B. Just created Page 226
C. Being assigned a processor to run
D. Ready to run

Question No:84 **(Marks:1)** **Vu-Topper RM**

Which of the following is not the stage of servlet lifecycle?

A. Wait Page 267 ok
B. Service
C. Destroy
D. Initialize

Question No:85 **(Marks:1)** **Vu-Topper RM**

Request and response of servlet are handles at____stage

A. Destroy
B. Initialize
C. Failure Page 258
D. Service

Question No:86 **(Marks:1)** **Vu-Topper RM**

At servlet service stage, webserver invokes_method.

A. servletServices()
B. services() Page 270
C. serviceSvlt()
D. svltServices()

Question No:87 **(Marks:1)** **Vu-Topper RM**

HTTP response code 401 indicates that _____ .

A. Request resource is available

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B. Request requires http authentication Page 231
C. Error by server
D. Request resource is not available

Question No:88 (Marks:1) Vu-Topper RM
In GET HTTP Request type, attribute-value pair is attached after _____ with requested URL.
A. @
B. #
C. ? Page 253 ok
D. .

Question No:89 (Marks:1) Vu-Topper RM
Which of the following interface needs to implement while creating threads?
A. Windowslistener
B. Runnable Page 212 ok
C. Actionlistener
D. Serializable

Question No:90 (Marks:1) Vu-Topper RM
Which of the following is true about simple tag in JSP?
A. All of the given options Page 377
B. It has no body is specified in tag
C. It has start and end of tag
D. It has no attribute

Question No:91 (Marks:1) Vu-Topper RM
To compile a servlet(e.gmyservlet.java)------ command is used in command prompt
A. Java-c
B. Java
C. Java.c
D. Javac Page 256

Question No:92 (Marks:1) Vu-Topper RM
The _____ method is used, when one thread wants to wait for another thread's run method to complete its execution.
A. Join() Page 227 ok
B. Wait()

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C. Sleep()
D. Yield()

Question No:93 **(Marks:1)** **Vu-Topper RM**

In the context of servlet mapping in web.xml, URL is provided in _____ tag.

A. <url-source>
B. <url-destination>
C. <url-address>
D. <url-pattern> Page 255

Question No:94 **(Marks:1)** **Vu-Topper RM**

Entire JSP page gets translated into a servlet_.

A. Once Page 323
B. Every time when it is accessed
C. Every time when the page is refreshed
D. Every time when the browser is restarted

Question No:95 **(Marks:1)** **Vu-Topper RM**

A bean class___have a zero argument constructor.

A. Can
B. Can't
C. Must Page 356
D. Shouldn't

Question No:96 **(Marks:1)** **Vu-Topper RM**

Layers represent the _view of application.

A. Physical
B. Logical Page 435
C. External
D. None of these

Question No:97 **(Marks:1)** **Vu-Topper RM**

The dot operator in Expression Language is typically used for accessing the of an object.

A. Properties Page 458
B. Elements
C. Values

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D. Attributes

Question No:98 **(Marks:1)** **Vu-Topper RM**

Initialization parameters of a servlet are defined in file.

A. html
B. JSP
C. web.xml **Page 275**
D. servlet

Question No:99 **(Marks:1)** **Vu-Topper RM**

Which of the following is NOT appropriate for Page-centric approach?

A. The maintenance of the application becomes a nightmare.
B. A lot of code is also get duplicated.
C. Scaling of such kind of application is easy. **Page 397**
D. The code becomes a mixture of presentation, business and data accesslogic.

Question No:100 **(Marks:1)** **Vu-Topper RM**

Which of the following 'statement' object is used for executingprecompiled SQL statements?

A. Statement
B. PreparedStatement **Page 147**
C. CallableStatement
D. None of the given options

Question No:101 **(Marks:1)** **Vu-Topper RM**

UDDI stands for

A. Universal Description, Discovery & Integration (UDDI) **Page490**
B. Universal Data, Discovery & Integration (UDDI)
C. Universal Data, Database & Integration (UDDI)
D. None of the given options

Question No:102 **(Marks:1)** **Vu-Topper RM**

DataBaseMetaData object can be derived from___object.

A. ResultSet
B. Connection **Page 165**
C. Statement
D. ResultSetMetaData

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Question No:103 **(Marks:1)** **Vu-Topper RM**

DSN stands for_.

A. Domain System Name
B. Data Source Name Page 166
C. Database Name
D. System name

Question No:104 **(Marks:1)** **Vu-Topper RM**

There is/are ____form(s) of response redirection.

A. 1
B. 2 Page 270
C. 3
D. 4

Question No:105 **(Marks:1)** **Vu-Topper RM**

Expression is a code fragment which returns_.

A. Integer
B. String Page 326
C. Depends on the expression
D. Nothing

Question No:106 **(Marks:1)** **Vu-Topper RM**

A servlet _____ during its initialize stage.

A. unloads resource/s
B. accept request/s
C. Loads resources/s Page 2 ok
D. forwards request/s

Question No:107 **(Marks:1)** **Vu-Topper RM**

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

A. DML statements
B. DDL statements Page 144
C. DCL statements
D. None of given options

Question No:108 **(Marks:1)** **Vu-Topper RM**

Which of the following approach can use to create thread in java?

A. Abstraction

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B. Inheritance Page 212
C. Composition
D. Polymorphism

Question No:109 (Marks:1) Vu-Topper RM
Request and response of servlet are handled at___stage.
A. destroy
B. initialize
C. failure
D. service Page267

Question No:110 (Marks:1) Vu-Topper RM
Which of the following feature is not available in java Pointers?
A. Operator overloading
B. Global variables
C. All of given options

Question No:111 (Marks:1) Vu-Topper RM
HTTP response code 100s indicates _____ .
A. to continue without request
B. do not continue with any request
C. to continue with complete request
D. to continue with partial request Page 234 ok

Question No:112 (Marks:1) Vu-Topper RM
Which of the following is NOT web technology of Java?
A. ASP Page 244
B. JSF
C. JSP
D. Servlet

Question No:113 (Marks:1) Vu-Topper RM
If "MyServelet"is placed in "myapp" folder, then you can access"MyServlet" by writing___:
A. http://localhost8080/myapp/MyServlet
B. http://localhost8080/myapp/servelets/MyServlet
C. http://localhost8080/webapps/myapp/servlets/MyServlet
D. http://localhost8080/webapps/myapp/MyServlet Page 265

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Question No:114 **(Marks:1)** **Vu-Topper RM**

HTTP response code 404 indicates that _____ .

A. requested resource is not available Page 235 ok

B. request requires HTTP authentication

C. requested resource is available

D. error by server

Question No:115 **(Marks:1)** **Vu-Topper RM**

The newly created thread can be moved to "Ready State" by calling _____ method.

A. start() Page 228 ok

B. wait()

C. sleep()

D. yield()

Question No:116 **(Marks:1)** **Vu-Topper RM**

At servlet initialization stage, webserver invokes _____ method.

A. ServletInit()

B. init() Page 267 ok

C. initServelt()

D. initialize()

Question No:117 **(Marks:1)** **Vu-Topper RM**

Which of the following Java/J2EE technology can be used for clientpresentation layer?

A. Applets Page 430

B. JavaBean

C. Java Server Faces(JSF)

D. Java Server Pages(JSP)

Question No:118 **(Marks:1)** **Vu-Topper RM**

The correct way to define a JSP include action element is:

A. <jsp:include page = "one.jsp"/> Page 373

B. <jsp:include page @ "one.jsp"/>

C. <jsp:include page # "one.jsp"/>

D. <jsp:include page $ "one.jsp"/>

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Question No:119 **(Marks:1)** **Vu-Topper RM**

Which of the given options is NOT true for Page-centric approach?

A. The code becomes a mixture of presentation, business and data access logic
B. A lot of code is also get duplicated
C. Scaling of such kind of application is easy Page 404
D. The maintenance of the application becomes a nightmare

Question No:120 **(Marks:1)** **Vu-Topper RM**

Which of the following tag/s can be constructed in JSP?

A. Tag with Attributes
B. Simple Tag
C. All of the given options Page 376
D. Tag with Body

Question No:1 **(Marks:01)** **Vu-Topper RM**

Which of the following is not true regarding layers?

A. Easier reuse of code
B. Easier maintenance
C. Provide high coupling Page 427
D. Provide high cohesion

Question No:121 **(Marks:1)** **Vu-Topper RM**

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

A. jspService()
B. jspDestroy()
C. jspInit()
D. None of these

Question No:122 **(Marks:1)** **Vu-Topper RM**

Resources could be shared among all servlets in _____ application/s using _____ .

A. same, Servlet object
B. different, Servlet object
C. Same, ServletContext object ok
D. different, ServletContext object

Question No:123 **(Marks:1)** **Vu-Topper RM**

Servlet context stores initialization parameters of _____ .

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A. one servlet
B. a java file
C. of entire web application ok
D. of all web applications in a server

Question No:124 (Marks:1) Vu-Topper RM
Which of the following object is used for sharing resources among different servlets of same application?
A. ServletConfig
B. ServletRequest
C. ServletResponse
D. Servlet Context ok

Question No:125 (Marks:1) Vu-Topper RM
Which of the following is not an HttpServletRequest method?
A. setAttribute(String, Object)
B. setProtocol() Page 294 ok
C. getMethod()
D. getProtocol()

Question No:126 (Marks:1) Vu-Topper RM
Server spawns a new thread for each new request from the client by calling servlet's _____ method.
A. init()
B. yield()
C. spwan()
D. service() ok

Question No:127 (Marks:1) Vu-Topper RM
During different sessions, getServletContext() method provides _____ ServletContext object/s to _____ Servlets.
A. Different,Same ok
B. Same, Same
C. Same, Different
D. Different, Different

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Question No:128 **(Marks:1)** **Vu-Topper RM**

Which of the following tag is used to define initialization parameters value of a servlet?

A. <param-value></param-value>
B. <para-value></para-value>
C. <initparam-value></initparam-value> ok
D. <parameter-value></parameter-value>

Question No:129 **(Marks:1)** **Vu-Topper RM**

In the context of Session Tracking, states are maintained by the mutual cooperation of both client & _____.

A. Server Page 297 ok
B. User
C. Browser
D. Customer

Question No:130 **(Marks:1)** **Vu-Topper RM**

Unpack directory structure of J2EE web application is _____

A. Known as Web Archive file (WAR)
B. Used during development of web application
C. Used to deploy web application
D. None of the given options

Question No:131 **(Marks:1)** **Vu-Topper RM**

The getSession() method of _____ returns HttpSession object.

A. HttpServletResponse
B. HttpServletRequest
C. ServletConfig
D. ServletContext

Question No:132 **(Marks:1)** **Vu-Topper RM**

Which of the following is NOT a standard method called as a part of the JSP life cycle?

A. jspInit()
B. jspService()
C. jspService()
D. jspDestroy()

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Question No:133 **(Marks:1)** **Vu-Topper RM**

AWT is also called _____.

A. Light Weight Component
B. Medium Weight Component
C. Heavy Weight Component
D. None of the given options

Question No:134 **(Marks:1)** **Vu-Topper RM**

Based on functionality, the streams can be categorized as _____

A. Byte oriented stream and Node stream
B. Filter stream and Character oriented stream
C. Node stream and Filter stream

Question No:135 **(Marks:1)** **Vu-Topper RM**

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

A. Start of tag
B. End of tag
C. Attributes
D. None of the given options

Question No:136 **(Marks:1)** **Vu-Topper RM**

MVC stands for _____.

A. Model View Content
B. Model View Controller
C. Multi View Controller
D. Multi View Content

Question No:137 **(Marks:1)** **Vu-Topper RM**

In packages, we organize files into different directories according to their _____.

A. Functionality
B. Usability
C. Category
D. All of these

Question No:138 **(Marks:1)** **Vu-Topper RM**

Strings in java are represented as _____

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A. Primitive data types
B. Reference data types
C. Native data types
D. Operators

Question No:139 **(Marks:1)** **Vu-Topper RM**
How many forms of redirect?
A. One
B. Two
C. Three
D. Four

Question No:140 **(Marks:1)** **Vu-Topper RM**
CREATE, ALTER, DROP are _____ SQL statements.
A. DML
B. DDL
C. DCL
D. None of given

Question No:141 **(Marks:1)** **Vu-Topper RM**
Web server is a software which provides services to access _____.
A. Internet
B. Intranet
C. Extranet
D. All of the given

Question No:142 **(Marks:1)** **Vu-Topper RM**
From the following which one is not a built-in validator?
A. DoubleRangeValidator
B. LongRangeValidator
C. LengthValidator
D. StringValidator

Question No:143 **(Marks:1)** **Vu-Topper RM**
RPC stands for
A. Remote Personal Computer (RPC)
B. Remote Procedure Calls (RPC).

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C. Remote Procedure Client (RPC)
D. None of these

Question No:144 **(Marks:1)** **Vu-Topper RM**
Web.xml is a _____
A. Java File
B. Configration File ok
C. Jar file
D. Servlet

Question No:145 **(Marks:1)** **Vu-Topper RM**
From the following which session tracking technique is used when new session is started?
A. Cookies
B. URL Rewriting
C. Both Cookies and URL Rewriting
D. None of These

Question No:146 **(Marks:1)** **Vu-Topper RM**
HTTP Session stores session information in
A. File System of client
B. File System of Server
C. A Cookie
D. A Session Object

Question No:147 **(Marks:1)** **Vu-Topper RM**
From the following which is not a basic function of web-based application:
A. Presentation
B. Debugging
C. Business Logic
D. Data Management

Question No:148 **(Marks:1)** **Vu-Topper RM**
Servlets are used to
A. Create Graphics
B. Provide Dynamic Web Content which extant web service ok
C. Develop Applets
D. Create GUI

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Question No:149 **(Marks:1)** **Vu-Topper RM**

Overloading is _____ whereas overriding is _____

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

Question No:150 **(Marks:1)** **Vu-Topper RM**

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

A. jspInit()
B. jspService()
C. jspService()
D. jspDestroy()

Question No:151 **(Marks:1)** **Vu-Topper RM**

A top-level class without any modifier is accessible to any

A. class
B. any class within the same package
C. any class within the same file
D. any subclass of this class

Question No:152 **(Marks:1)** **Vu-Topper RM**

Java program code is compiled into form called

A. Machine code
B. native Code
C. Byte Code
D. Source Code

Question No:153 **(Marks:1)** **Vu-Topper RM**

What if the main method is declared as private?

A. The program does not compile
B. The program compiles but does not run
C. The program compiles and runs properly
D. The program throws an exception on compile time

Question No:154 **(Marks:1)** **Vu-Topper RM**

There are _____ types of exceptions in Java

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A. 2
B. 3
C. 4
D. 5

Question No:155 **(Marks:1)** **Vu-Topper RM**
Which of the following is used for inheritance in java?
A. implements
B. extends
C. (colon)
D. inherit

Question No:156 **(Marks:1)** **Vu-Topper RM**
A top level class may have only the following access modifier.
A. Package
B. Private
C. Protected
D. Public

Question No:157 **(Marks:1)** **Vu-Topper RM**
Which of the following package needs to be import while handling files?
A. java.util
B. java.io
C. java.awt
D. javax.swing

Question No:158 **(Marks:1)** **Vu-Topper RM**
Exceptions must be handled while handling files otherwise it may lead to _____
A. Logical error
B. Syntax error
C. Run-time error
D. No error

Question No:159 **(Marks:1)** **Vu-Topper RM**
All the exceptions and errors in java are inherited from _____ class.
A. Exception
B. Error
C. Throwable

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D. IOException

Question No:160 **(Marks:1)** **Vu-Topper RM**

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

A. IOException
B. Null Pointer exception
C. AWTException
D. ClassNotFoundException

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

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

A. Null Pointer exception
B. IO Exception
C. Array index out of bounds
D. NumberFormatException

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

The relationship between class and interface is called _____.

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

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

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

A. Cannot be
B. Can be
C. Must
D. None of these

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

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

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

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Question No:165 **(Marks:1)** **Vu-Topper RM**

Window frame and dialog use _____ as their default layout.

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

Question No:166 **(Marks:1)** **Vu-Topper RM**

Which of the following stream is a filter stream?

A. FileWriter
B. FileReader
C. BufferedReader
D. All of given options

Question No:167 **(Marks:1)** **Vu-Topper RM**

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

A. Java filename.java
B. Java filename
C. Javac filename.java
D. Javac filename

Question No:168 **(Marks:1)** **Vu-Topper RM**

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

A. Value, Addresses
B. Address, Values
C. Size, Addresses
D. Addresses, Size

Question No:169 **(Marks:1)** **Vu-Topper RM**

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

A. Adapter Classes
B. Wrapper Classes
C. Interfaces
D. Collections

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Question No:170 **(Marks:1)** **Vu-Topper RM**

The given line of code will result in _____ system. Out. printing (5+9);

A. 59
B. 5+9
C. 14
D. syntax error

Question No:171 **(Marks:1)** **Vu-Topper RM**

Which of the following stream is a Node stream?

A. PrintWriter
B. FileWriter
C. BufferedReader
D. All of the given option

Question No:172 **(Marks:1)** **Vu-Topper RM**

To compare the value of two strings, _____ must be used.

A. =operator
B. ==operator
C. Equal () method
D. Compare () method

Question No:173 **(Marks:1)** **Vu-Topper RM**

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

A. IntValue()
B. parselnt()
C. Parselnt ()
D. parselInteger()

Question No:174 **(Marks:1)** **Vu-Topper RM**

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

A. Program does not compile
B. Program compiles but does not run
C. Program compiles and run successfully
D. Program throws an exception

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Question No:175 **(Marks:1)** **Vu-Topper RM**

Static methods can only access _____

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

Question No:176 **(Marks:1)** **Vu-Topper RM**

HahMap takes key as a/an _____

A. Object
B. Array
C. Primitive value
D. Function

Question No:177 **(Marks:1)** **Vu-Topper RM**

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

A. FileReader
B. FileWriter
C. PrintWriter
D. FileInputStream

Question No:178 **(Marks:1)** **Vu-Topper RM**

A variable declared as static in a class is a/an _____

A. Instance variable
B. Class variable
C. Const variable
D. Global variable

Question No:179 **(Marks:1)** **Vu-Topper RM**

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

A. The program does not compile
B. The program compiles and runs successfully
C. The program compiles but does not run
D. None of given options

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Question No:180 **(Marks:1)** **Vu-Topper RM**

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

A. FileWriterfw = new FileWriter("output.txt");
B. FileWriterfw = new FileWriter (FileDescriptor.out);
C. FileWriterfw = new FileWriter (FileDescriptor.in);
D. FileWriterfw = new FileWriter (File Descriptor);

Question No:181 **(Marks:1)** **Vu-Topper RM**

Which of the following folder contains configuration file?

A. Classes
B. Lib
C. Bin
D. WEB-INF ok

Question No:182 **(Marks:1)** **Vu-Topper RM**

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

A. Java HOME
B. CATALINA_HOME
C. CLASSPATH
D. PATH

Question No:183 **(Marks:1)** **Vu-Topper RM**

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

A. Session ID
B. Network ID
C. Server ID
D. None of these

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

An event in java is represented as _____

A. Operator
B. Function
C. Object
D. Primitive data type

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

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

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

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

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

A. java filename
B. javac filename.java
C. javac filename
D. java filename.java

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

Exception handling code is written in _____

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

Question No:188 **(Marks:1)** **Vu-Topper RM**

Witch of the following is a general-purpose container?

A. Frame
B. Dialog
C. Janel
D. Applet

Question No:189 **(Marks:1)** **Vu-Topper RM**

addCookie() method of HTTPServletResponse takes _____ as a parameter and adds it to the cookie header.

A. cookie object **ok**
B. session id
C. ip address
D. MAC address

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Question No:190 **(Marks:1)** **Vu-Topper RM**

In include type of request dispatcher, the first servlet which received request is also responsible to _____ .

A. finish response ok
B. modify request
C. show exceptions
D. forward request

Question No:191 **(Marks:1)** **Vu-Topper RM**

Context attributes are shared among _____ servlet/s of _____ .

A. all, a web application ok
B. two, a web application
C. all, desktop applications
D. two, desktop applications

Question No:192 **(Marks:1)** **Vu-Topper RM**

Which of the following object contains information specific to a servlet?

A. ServletConfig
B. ServletRequest
C. ServletContext
D. ServletResponse

Question No:193 **(Marks:1)** **Vu-Topper RM**

To destroy the session in Servlet we use?

A. session.destroy()
B. session.invalidate()
C. session.end()
D. session.Kill()

Question No:194 **(Marks:1)** **Vu-Topper RM**

From following which one is the object of JspWriter used to send output to the client.

A. request
B. out
C. response
D. None of these

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Question No:195 **(Marks:1)** **Vu-Topper RM**

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

A. Session Migration
B. Session Tracking
C. Session Hijacking
D. None of these

Question No:196 **(Marks:1)** **Vu-Topper RM**

From the following which one is not a JSP directive?

A.page
B. include
C. taglib
D. out

Question No:197 **(Marks:1)** **Vu-Topper RM**

Client is referred as a

A. Computer user
B. Computer that a person is using for communication purpose
C. Person which carry out web surfing
D. None of these

Question No:198 **(Marks:1)** **Vu-Topper RM**

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

A. Number
B. Text
C. String
D. None of these

Question No:199 **(Marks:1)** **Vu-Topper RM**

In JSP Instance variables and method are declared through following tag

A. <%@ %>
B. <%-- --%>
C. <%! %>
D. <%= %>

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Question No:200 **(Marks:1)** **Vu-Topper RM**

To provide global control of JSP we use following tag

A. <%@ %>
B. <%-- -%>
C. <%! %>
D. <%= %>

Question No:201 **(Marks:1)** **Vu-Topper RM**

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

A. Client
B. Server
C. Both server and client
D. None of these

Question No:202 **(Marks:1)** **Vu-Topper RM**

Session Tracking is done through following techniques?

A. Cookies
B. Hidden fields
C. URL Rewriting
D. All the these

Question No:203 **(Marks:1)** **Vu-Topper RM**

JSP scripting elements is/are

A. Declarations
B. Scriptlets
C. expressions
D. All of these

Question No:204 **(Marks:1)** **Vu-Topper RM**

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

A. Sessiontimeoutindicator
B. SessionTimeOutIndicator
C. SessionTimeoutIndicator
D. None of these

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Question No:205 **(Marks:1)** **Vu-Topper RM**

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

A. Stateless
B. Connectionless
C. Connection oriented
D. None of these

Question No:206 **(Marks:1)** **Vu-Topper RM**

getId( ) returns the unique ID of

A. Current session
B. Previous session
C. None of these
D. Next session

Question No:207 **(Marks:1)** **Vu-Topper RM**

Which of the following is NOT true about JavaBean?

A. It should not have any public variable.
B. It must be serializable.
C. It must not have any zero argument constructor.
D. Private instances must be accessed via setters/getters.

Question No:208 **(Marks:1)** **Vu-Topper RM**

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

A. useBean
B. setProperty
C. getProperty
D. None of these

Question No:209 **(Marks:1)** **Vu-Topper RM**

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

A. <jsp: ….. />
B. <%! %>
C. <%= %>
D. <%@ %>

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Question No:210 **(Marks:1)** **Vu-Topper RM**

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

A. JSP
B. JavaBean
C. servlet
D. HTML page

Question No:211 **(Marks:1)** **Vu-Topper RM**

"application" is a object of

A. ServletContext.
B. HttpSession
C. ServletConfig
D. None of these

Question No:212 **(Marks:1)** **Vu-Topper RM**

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

A. Dynamic
B. Static
C. Both dynamic and static
D. None of these

Question No:213 **(Marks:1)** **Vu-Topper RM**

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

A. Session Tracking
B. User Tracking
C. None of these
D. Session Migration

Question No:214 **(Marks:1)** **Vu-Topper RM**

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

A. exception-type
B. error-type
C. error-page
D. exception-page

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Question No:215 **(Marks:1)** **Vu-Topper RM**

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

A. HttpSession session = req.getSession(true);
B. HttpSession session = req.getSession(false);
C. HttpSession session = req.getSession(1);
D. None of these

Question No:216 **(Marks:1)** **Vu-Topper RM**

When JSP page compiled, it is translated into?

A. Applet
B. Application
C. Servlet
D. Web Browser

Question No:217 **(Marks:1)** **Vu-Topper RM**

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

A. Directories
B. Folders
C. Libraries
D. None of these

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

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

A. None of these
B. Object
C. String
D. Value

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

3-layer architecture consists of Presentation Layer, _____ Layer and Data Layer.

A. Application
B. Business **ok**
C. Server
D. Client

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

addCookies() method of HTTPServletResponse takes_____ as a parameter and adds it to the cookies header.

A. Cookies object
B. Ip address
C. AC address
D. Session id

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

"application" is a object of:

A. ServletContext
B. HttpSession
C. ServletConfig
D. Both b and c

Question No:222 **(Marks:1)** **Vu-Topper RM**

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

A. HttpSession session=req.getSession(true);
B. HttpSession session=req.getSession(false);
C. HttpSession session=req.getSession(1);
D. HttpSession session=req.setSession(1);

Question No:223 **(Marks:1)** **Vu-Topper RM**

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

A. FileReaderfr=new FileReader((input.txt))
B. FileReaderfr=new FileRead(FileDescriptor.in);
C. FileReaderfr=new FileReader(FileDescriptor);

Question No:224 **(Marks:1)** **Vu-Topper RM**

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

Single
Multiple

Question No:225 **(Marks:1)** **Vu-Topper RM**

HTML form data can be processed by JSP

True
False

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Question No:226 **(Marks:1)** **Vu-Topper RM**
Java provides an excellent solution to all the problems that occurred in tracking a session.
True
False

Question No:227 **(Marks:1)** **Vu-Topper RM**
In JSP scripting elements, it is NOT necessary that every opening tag also have a closing tag.
False **Page 340**
True

Question No:228 **(Marks:1)** **Vu-Topper RM**
Java + HTML = JSP
True
False

Question No:229 **(Marks:1)** **Vu-Topper RM**
getrequest() method gets information from a client and postrequest() method posts data to a client.
False
True

Question No:230 **(Marks:1)** **Vu-Topper RM**
sendRedirect() method of HTTPServletResponse redirects the user to _____ .
Specific URL **Page 295**
Main class

Question No:231 **(Marks:1)** **Vu-Topper RM**
Packages are nothing more than the way we organize files into different directories according to their functionality, usability as well as category they should belong to.
False **Page 329**
True

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Question No:232 **(Marks:1)** **Vu-Topper RM**
getParameters() method returns an array of strings containing the values for a specified servlet parameter.
True
False

Question No:233 **(Marks:1)** **Vu-Topper RM**
In 3-layer architecture, we do NOT make any direct calls to database from the presentation layer.
False **Page 322**
True

Question No:234 **(Marks:1)** **Vu-Topper RM**
JSP is a text based document capable of returning either static or dynamic content to a client's browser.
True **Page 334**
False

Question No:235 **(Marks:1)** **Vu-Topper RM**
Presence of cookie indicates that the user is visiting this site for the first time.
False **Page 300**
True

Question No:236 **(Marks:1)** **Vu-Topper RM**
Layers are isolated from each other to increase coupling between them.
False **Page 322**
True

Question No:237 **(Marks:1)** **Vu-Topper RM**
Cookies can be used for identifying a user during an e-commerce session
True
False

Question No:238 **(Marks:1)** **Vu-Topper RM**
The _____ represent the state of component.
View
Model

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Question No:239 **(Marks:1)** **Vu-Topper RM**
Interface of HttpServletResponse extends class Servlet Response
False
True

Question No:240 **(Marks:1)** **Vu-Topper RM**
HttpServletResponse object is created when web server executes the servlet. This object is passes to the servlet service method which passes it to do Get () or doPost ().
True
False

Question No:241 **(Marks:1)** **Vu-Topper RM**
A collection can store .....
Homogenous objects
Heterogeneous objects

Question No:242 **(Marks:1)** **Vu-Topper RM**
Which of the following is called ' pure abstract class ' ?
Wrapper class
Interface

Question No:243 **(Marks:1)** **Vu-Topper RM**
Is it possible to provide more than one main method within same class?
True
False

Question No:244 **(Marks:1)** **Vu-Topper RM**
There is NO equivalent tag for comments while writing JSP scripting elements in XML.
True
False

Question No:245 **(Marks:1)** **Vu-Topper RM**
Which of the following is/are not correct about thread(s)?
Heavy weight
Light weight

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Question No:246 **(Marks:1)** **Vu-Topper RM**
Web applications maintain the state of a user's actions against multiple requests, because HTTP protocol is stateless.
True
False

Question No:247 **(Marks:1)** **Vu-Topper RM**
JSP directives are used to convey special processing information about the page to JSP container.
True
False

Question No:248 **(Marks:1)** **Vu-Topper RM**
Interface can be implemented in JSP
True
False

Question No:249 **(Marks:1)** **Vu-Topper RM**
When a session object is invalidated, it can be again refreshed.
True
False

Question No:250 **(Marks:1)** **Vu-Topper RM**
JSP technology is extensible
True
False

Question No:251 **(Marks:1)** **Vu-Topper RM**
Managed Bean is JavaBeans which are defined in ----------
Configuration file

Question No:252 **(Marks:1)** **Vu-Topper RM**
Correct format of writing an EL expression is _____
${Valid Expressions}

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Question No:253 **(Marks:1)** **Vu-Topper RM**

_____operator is used to retrieve elements of arrays and collections

Bracket [ ] operator

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