



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 1 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ allow the websites to store information on a client machine and later retrieve it.

**1. Cookies (Page: 297)**

2. Sessions
3. Panel
4. Servlet

**Question No: 2 ( Marks: 1 ) - Please choose one**

It is easier to develop dynamic web contents using regular HTML with the help of \_\_\_\_\_.

1. Java
2. Applet
3. Servlet

**4. JSP (Page: 330)**

**Question No: 3 ( Marks: 1 ) - Please choose one**

A bean class \_\_\_\_\_ have a zero argument constructor.

1. Can
2. Can't

**3. Must (Page: 356)**

4. Shouldn't

**Question No: 4 ( Marks: 1 ) - Please choose one**

A bean class \_\_\_\_\_ have any public instance variables/attributes (fields).

1. Can
2. Can't
3. Must

**4. Shouldn't (Page: 356)**

**Question No: 5 ( Marks: 1 ) - Please choose one**

Using the following value of JavaBean's scope attribute, the bean object is stored in ServletContext.

1. Page
2. Request
3. Session

**4. Application (Page 374)**

**Question No: 6 ( Marks: 1 ) - Please choose one**

The default value of scope attribute in JSP useBean action element is \_\_\_\_\_.

**1. Page (Page: 368)**

2. Request
3. Session
4. Application



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**Question No: 7 ( Marks: 1 ) - Please choose one**

Which information a Tag Library Descriptor (.tld) file specifies?

1. Tag library version / JSP version
2. Tag name / Tag Handler class name
3. Attribute names

**4. All of these (Page: 382)**

**Question No: 8 ( Marks: 1 ) - Please choose one**

Web services are Web-based enterprise applications that use open, ----- standards and transport protocols to exchange data with calling clients.

**1. XML-based (Page: 488)**

2. HTML-based
3. JSP-based
4. DHTML-based

**Question No: 9 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ is a standard web based application framework.

1. Java
2. Servlet
3. JSP

**4. JSF (page: 409)**

**Question No: 11 ( Marks: 1 ) - Please choose one**

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

1. Java
2. JavaScript

**3. Servlet (Page: 412)**

4. JSP

**Question No: 12 ( Marks: 1 ) - Please choose one**

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

1. java.io

**2. java.sql (Page: 149)**

3. java.awt
4. java.swing

**Question No: 13 ( Marks: 1 ) - Please choose one**

Unpack directory structure of J2EE web application is \_\_\_\_\_

1. Known as Web Archive file (WAR)

**2. Used during development of web application (Personal Work Experience)**

3. Used to deploy web application
4. None of the given options



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**Question No: 14 ( Marks: 1 ) - Please choose one**

Which of the following is FALSE regarding HttpServlet class?

1. It is used for writing protocol dependent servlet.
- 2. It is used for writing protocol independent servlet. (Page: 263)**
3. It is available in javax.servlet.http package.
4. It extends from GenericServlet class.

**Question No: 15 ( Marks: 1 ) - Please choose one**

Which of the following directory is the top level TOMCAT directory that contains all the application deployed on web server?

- 1. Webapps (Page: 260)**
2. bin
3. lib
4. tags

**Question No: 16 ( Marks: 1 ) - Please choose one**

Servlet mapping of a servlet is defined in \_\_\_\_\_ file.

1. JSP
2. HTML
- 3. web.xml (page: 266)**
4. Servlet

**Question No: 17 ( Marks: 1 ) - Please choose one**

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

1. service()
2. post()
3. get()
- 4. init() (Page: 267)**

**Question No: 18 ( Marks: 1 ) - Please choose one**

-----can be used to specify dynamic attribute values for JSTL actions without using full-blown programming language.

- 1. ER Expression Language (Page: 468)**
2. Request Time
3. Both Expression Language and Request Time
4. None of the given options

**Question No: 19 ( Marks: 1 ) - Please choose one**

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

1. Functionality
2. Usability
3. Category
- 4. All of the given options**



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**Question No: 20 ( Marks: 1 ) - Please choose one**

Controller centralizes the logic for dispatching requests to the next view based on \_\_\_\_\_.

1. Input Parameters
2. Application State
3. All of the given options (Page>: 411)
4. The Request URL

**Question No: 21 ( Marks: 1 ) - Please choose one**

Tiers represent the \_\_\_\_\_ view of application.

1. Physical (Page: 435)
2. Logical
3. External
4. None of the given options

**Question No: 22 ( Marks: 1 ) - Please choose one**

RPC stands for

1. Remote Procedure Client (RPC)
2. Remote Procedure Calls (RPC). (Page: 488)
3. None of the given options
4. Remote Personal Computer (RPC)

**Question No: 23 ( Marks: 1 ) - Please choose one**

WSDL stands for

1. Web Service Description Language (Page: 490)
2. Web Service Database Language
3. Web Service Data Language
4. None of the given options

**Question No: 24 ( Marks: 1 ) - Please choose one**

Managed Beans have \_\_\_\_\_ Model

1. Declarative (Page: 486)
2. Sequential
3. Iterative
4. None of the given options

**Question No: 25 ( Marks: 1 ) - Please choose one**

What will be the output from the following code?

```
System.out.print("Virtual University.");  
System.out.println("Islamabad.");  
System.out.println("Campus.");
```

1. Virtual University. Islamabad. Campus.
2. Virtual University. Islamabad. Campus.
3. Virtual University. Islamabad. Campus.
4. Virtual University. Islamabad. Campus. (Personal Work Experience)



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**Question No: 26 ( Marks: 1 ) - Please choose one**

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

**1. MouseMotionListener (Page: 130)**

- 2. MouseListener
- 3. MouseDragged
- 4. MouseMoved

**Question No: 27 ( Marks: 1 ) - Please choose one**

If we call absolute(-4) where will the cursor go:

- 1. to last row
- 2. to next-to-last row

**3. three steps back-to-last row**

- 4. will give error

(Absolute means where the cursor is pointer at the movement. And -4 represent the 4 point back started from 0)

**Question No: 28 ( Marks: 1 ) - Please choose one**

How many folders are there in Jakarta Tomcat?

- 1. No folder
- 2. 3
- 3. 7

**4. 9 (Page: 561 see the directory diagram)**

**Question No: 29 ( Marks: 1 ) - Please choose one**

What is the type of String we use in setContentType(String)?

- 1. String
- 2. MIME

**3. Char (Page: 310)**

- 4. Enum

**Question No: 30 ( Marks: 1 ) - Please choose one**

What is not true about cookies?

- 1. Their size is about 4906.
- 2. They are maintained as value-pair.

**3. Stored at server side. (cookies are store in client's browser.)**

- 4. They are small text

**Question No: 31 ( Marks: 1 ) - Please choose one**

Which of the following is not a Java Bean class?

- 1. Which have a zero argument constructor.

**2. Which have any public instance variables/attributes (fields). (Page: 356)**

- 3. Whose Private values are accessed through setters/getters.
- 4. Which is serializable.



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**Question No: 32 ( Marks: 1 ) - Please choose one**

JSP file is compiled \_\_\_\_\_.

1. **Whenever there is some modification in the file**
2. Whenever it is accessed
3. Whenever browser is restarted
4. Whenever the page is refreshed

**Question No: 33 ( Marks: 1 ) - Please choose one**

Which of the following is used for comments in JSP?

1. `<%..comments..%>`
2. **`<!--comments--%>` (Page: 367)**
3. `<%comments%>`
4. `<%!comments%>`

**Question No: 34 ( Marks: 1 ) - Please choose one**

Which of the following is **NOT** implicit objects?

1. exception
2. session
3. pageContext
4. **pageDirective (Page: 343)**

**Question No: 35 ( Marks: 1 ) - Please choose one**

The Collection API has been defined in \_\_\_\_\_ package.

1. java.io
2. **java.util (Page: 328)**
3. java.awt
4. java.sql

**Question No: 36 ( Marks: 1 ) - Please choose one**

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

1. Error
2. **Exception (Page: 71)**
3. Throwable
4. IOException

**Question No: 37 ( Marks: 1 ) - Please choose one**

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

1. Try block
2. **catch block (Page: 72)**
3. final block
4. throws clause



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**Question No: 38 ( Marks: 1 ) - Please choose one**

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

1. IOException
2. AWTException
3. ClassNotFoundException

**4. Null Pointer exception (Page: 72)**

**Question No: 39 ( Marks: 1 ) - Please choose one**

JVM put the events generated by event generator in a \_\_\_\_\_.

1. Stack

**2. Queue (Page: 126)**

3. List
4. Hash table

**Question No: 40 ( Marks: 1 ) - Please choose one**

Consider the following code segment.

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

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

**1. Local variable not initialized**

2. Cannot resolve symbol
3. Null Pointer exception
4. No Such Method error

**Question No: 1 (Marks: 1) - Please choose one**

From the Following; which we don't include in simple tag while creating JSP custom tags:

1. Start of tag
2. End of tag

**3. Attribute Tag (Page: 379)**

4. None of these

**Question No: 2 (Marks: 1) - Please choose one**

From the following; which component is/are used in directory Structure of web components?

1. index.htm, JSP, Images etc..

**2. Web-inf, Web.xml (Page: 261)**

3. lib, jar files
4. All of these



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**Question No: 3 (Marks: 1) - Please choose one**

From following; which is the main reason that enters a thread into dead state?

1. It dies a natural death because thread completes its execution.
2. It is killed because someone invoked its stop method.

**3. Both 1 and 2 (Page: 240)**

4. None of these.

**Question No: 4 (Marks: 1) - Please choose one**

From the following; which approach is used in java to create threads,

1. Interface
2. Inheritance

**3. Both Interface and Inheritance (Page: 228)**

4. None of these

**Question No: 6 ( Marks: 1 ) - Please choose one**

From the following which one is not a built-in validator?

1. DoubleRangeValidator
2. LongRangeValidator
3. LengthValidator

**4. StringValidator (Page: 486)**

**Question No: 8 ( Marks: 1 ) - Please choose one**

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

**1. Properties (Page: 458)**

2. Elements
3. Values
4. Attributes

**Question No: 10 ( Marks: 1 ) - Please choose one**

Layers represent the \_\_\_\_\_ view of application.

1. Physical

**2. Logical (Page: 435)**

3. External
4. None of these

**Question No: 11 ( Marks: 1 ) - Please choose one**

Which of the following is appropriate for Page-with-Bean approach?

1. The code becomes a mixture of presentation, business and data access logic.
2. The maintenance of the application becomes a nightmare.
3. A lot of code is also get duplicated.

**4. All the business logic goes into one application (Page: 411-12)**





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**Question No: 12 ( Marks: 1 ) - Please choose one vuzs**

The \_\_\_\_\_ represent the state of component.

1. View

**2. Model (Page: 409)**

3. Controller

4. Component

**Question No: 13 ( Marks: 1 ) - Please choose one**

The following value of JavaBean's scope attribute has local variable.

**1. Pges (Page: 368)**

2. Request

3. Session

4. Application

**Question No: 14 ( Marks: 1 ) - Please choose one**

JSP action elements allow us to work with \_\_\_\_\_.

1. JavaScript

**2. Java Bean (Page: 368)**

3. ManagedBeans

4. HTML

**Question No: 16 ( Marks: 1 ) - Please choose one**

Expression is a code fragment which returns \_\_\_\_\_.

1. Integer

**2. String (Page: 334)**

3. Depends on the expression

4. Nothing

**Question No: 18 ( Marks: 1 ) - Please choose one**

Servlet session and JSP session have \_\_\_\_\_ abilities.

1. Different

**2. Same (I have tried in code)**

3. Critical

4. None of these

**Question No: 19 ( Marks: 1 ) - Please choose one**

Which of the following is not part of http response?

1. Result Code

**2. URI (Page: 243)**

3. Header fields

4. Body



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**Question No: 20 ( Marks: 1 ) - Please choose one**

In which file do we define a servlet mapping?

1. Web.xml (Page: 265, 266)
2. Servlet.mappings
3. Servlet.xml
4. None of the given

**Question No: 21 ( Marks: 1 ) - Please choose one**

Which of the following is a type of Java web application technologies?

1. JSTL
2. JSF
3. JSP
4. All of the given (because all are work on Server)

**Question No: 22 ( Marks: 1 ) - Please choose one**

Extra information can be appended to URL using \_\_\_\_\_.

1. Extra path information
2. Added parameters
3. Custom change
4. All of the given (Page: 308)

**Question No: 23 ( Marks: 1 ) - Please choose one**

Web server is a software which provides services to access \_\_\_\_\_.

1. Internet
2. Intranet
3. Extranet
4. All of the given

**Question No: 24 ( Marks: 1 ) - Please choose one**

When defining a method you must include a \_\_\_\_\_ 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. Throw Clause (Page: 72)

**Question No: 25 ( Marks: 1 ) - Please choose one**

In an applet class definition, the-----method takes the place of the constructor.

1. paint();
2. main();
3. Init(); (Pae: 202)
4. run() ;



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**Question No: 26 ( Marks: 1 ) - Please choose one**

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

1. Domain System Name
- 2. Data Source Name (Page: 150)**
3. Database System Name
4. Database Simple Name

**Question No: 27 ( Marks: 1 ) - Please choose one**

From following classes; which one can't be instantiated?

1. Super class
- 2. Abstract Class (Page: 96)**
3. Anonymous Class
4. Concrete Class

**Question No: 28 ( Marks: 1 ) - Please choose one**

Converting bigger data types into smaller one is called -----

1. Up casting
- 2. Down Casting (Page: 59)**
3. In Casting
4. Out casting

**Question No: 29 ( Marks: 1 ) - Please choose one**

Java provide -----

1. Overloading
- 2. Overriding**
3. Pointers
4. Multiple Inheritance

**Question No: 30 ( Marks: 1 ) - Please choose one**

int x = 7/2;

value of x is:

1. (1)
2. (2)
3. (3.5)
- 4. (3) (In int division we cannot get value in floating numbers)**

**Question No: 2 (Marks: 1) - Please choose one**

JavaBeans are:

**A special Java class file (Page 356)**

Servlets

Applets

A Special form of JSP



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**Question No: 3 (Marks: 1) - Please choose one**

In Java garbage collection is done by\_\_\_\_\_.

**JVM (Java Virtual Machine)**

Programmer

Both JVM (Java Virtual Machine)and Programmer

OS (Operating System)

None of the given

**Question No: 4 (Marks: 1) - Please choose one**

From which object do you ask for DatabaseMetaData?

**Connection**

ResultSet

DriverManager

Driver

**Question No: 11 (Marks: 1) - Please choose one**

JVM assigns CPU to the threads based on\_\_\_\_\_.

**Thread priorities**

System priorities

Collective priorities

None of the given options

**Question No: 12 (Marks: 1) - Please choose one**

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

**21**

23

80

84

**Question No: 13 (Marks: 1) - Please choose one**

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

Statement

**ResultSet**

ResultSetMetaData

Connection

**Question No: 14 (Marks: 1) - Please choose one**

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

**Socket s = new Socket("serverName");**

Socket s = new Socket(serverport);

Socket s = new Socket("serverName",serverPort);

Socket s = new Socket(serverPort,"serverName");



## (Objective-CS506 Web Design and Development)

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### Question No: 15 (Marks: 1) - Please choose one

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

**ServletContext**

ServletRequest

**ServletResponse**

### Question No: 16 (Marks: 1) - Please choose one

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

run()

main()

**init()**

start()

### Question No: 17 (Marks: 1) - Please choose one

Which of the following method of Graphics object is used to draw rectangle?

DrawRect(10,10,20,20);

**drawRect(10,10,20,20);**

drawReactangle(10,10,20,20);

DrawReactangle(10,10,20,20);

### Question No: 18 (Marks: 1) - Please choose one

WindowsListener interface contains \_\_\_\_\_ methods.

Four

Six

**Seven**

Eight

### Question No: 19 (Marks: 1) - Please choose one

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

ResultSetMetaData md = con.getMetaData(); // where con is Connection object

**ResultSetMetaData md = rs.getMetaData(); // where rs is ResultSet object**

ResultSetMetaData md = st.getMetaData(); // where st is Statement object

ResultSet md = rs.getMetaData(); // where rs is ResultSetMetaDta object

### Question No: 20 (Marks: 1) - Please choose one

Which of the following problem occurs with lower priority threads?

Race condition

**Starvation**

Average waiting time

Process death



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**Question No: 22 (Marks: 1) - Please choose one**

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

**JPanel**

JFrame

Graphics

Image

**Question No: 23 (Marks: 1) - Please choose one**

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

start()

stop()

paint()

**init()**

**Question No: 24 (Marks: 1) - Please choose one**

Which of the following interface needs to implement while creating threads?

Serializable

**Runnable**

ActionListener

WindowListener

**Question No: 25 (Marks: 1) - Please choose one**

getAttribute(String) extracts \_\_\_\_\_ stored value from a session object.

Subsequently

**Previously**

Currently

None of these

**Question No: 26 (Marks: 1) - Please choose one**

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

ResultSet

**ResultSetMetaData**

DataBaseMetaData

Connection

**Question No: 27 (Marks: 1) - Please choose one**

Why we use RequestDispatcher to forward a request to another resource(servlet, html, jsp), instead of using a sendRedirect()?

sendRedirect() is not supported in servlet API.

RequestDispatcher is not supported in servlet API.

**RequestDispatcher is efficient and allows the server to maintain request status.**

**None of these**



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**Question No: 28 (Marks: 1) - Please choose one**

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

servlet

**web.xml**

html

JSP

**Question No: 29 (Marks: 1) - Please choose one**

TELNET works on \_\_\_\_\_ port.

21

**23**

80

84

**Question No: 30 (Marks: 1) - Please choose one**

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

applet htmlfile

**appletviewer htmlfile**

appletviewer javafile

viewer htmlfile

**Question No: 31 (Marks: 1) - Please choose one**

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

next()

absolute(int)

**executeQuery(sql)**

updateRow

**Question No: 32 (Marks: 1) - Please choose one**

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

Wrapper Classes

Abstract Classes

Concrete Classes

**Adapter Classes**

**Question No: 33 (Marks: 1) - Please choose one**

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

JAvA\_HOME

**CATALINA\_HOME**

CLASSPATH

PATH



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**Question No: 34 (Marks: 1) - Please choose one**

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

Client

**Server**

Both server and client

Neither server nor client

**Question No: 36 (Marks: 1) - Please choose one**

JSP scripting elements is/are:

Declarations

Scriptlets

expressions

**All of these**

**Question No: 38 (Marks: 1) - Please choose one**

getId( ) returns the unique ID of:

**Current session**

Previous session

Next session

Both Next and Previous session

**Question No: 39 (Marks: 1) - Please choose one**

Which of the following is NOT true about JavaBean?

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.

**Question No: 40 (Marks: 1) - Please choose one**

A user defined component that is used to perform certain action is called \_\_\_\_\_.

Built-in Tags

JSP action element

**Custom tag**

jsp:useBean

**Question No: 41 (Marks: 1) - Please choose one**

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

**<jsp: ...../>**

<%!%>

<%= %>

<%@ %>





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**Question No: 42 (Marks: 1) - Please choose one**

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

Cookies

URL Rewriting

**Both Cookies and URL Rewriting**

None of these

**Question No: 43 (Marks: 1) - Please choose one**

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

start()

init()

**stop()**

destroy()

**Question No: 44 (Marks: 1) - Please choose one**

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

100-199

**200-299**

300-399

400-499

**Question No: 45 (Marks: 1) - Please choose one**

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

isReadOnly()

**isReadOnly()**

isreadonly()

IsReadOnly()

**Question No: 46 (Marks: 1) - Please choose one**

Servlet Config defines a set of methods that a servlet uses to communicate with its servlet container.

**True**

False

**Question No: 47 (Marks: 1) - Please choose one**

Web server is software which provides services to access \_\_\_\_\_.

Internet

Intranet

Extranet

**All of the given**



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**Question No: 48 (Marks: 1) - Please choose one**

Which of following can be thrown using the throw statement?

Error

**Throwable**

Exception

RuntimeException

**Question No: 49 (Marks: 1) - Please choose one**

UDDI stands for \_\_\_\_\_.

**Universal Description, Discovery & Integration (UDDI)**

Universal Data, Discovery & Integration (UDDI)

Universal Data, Database & Integration (UDDI)

None of these

**Question No: 50 (Marks: 1) - Please choose one**

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

Light Weight Component

**Medium Weight Component**

**Heavy Weight Component**

None of the given options

**Question No: 52 (Marks: 1) - Please choose one**

MVC stands for \_\_\_\_\_.

Model View Content

**Model View Controller**

Multi View Controller

Multi View Content

**Question No: 53 (Marks: 1) - Please choose one**

Which of the following is a correct order for Bean scope in JSP page from most visible to least visible?

application, session, request, page

**page, request, session, application**

session, page, request, application

application, session, page, request

**Question No: 54 (Marks: 1) - Please choose one**

JSP technology is extensible

**True**

False



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**Question No: 55 (Marks: 1) - Please choose one**

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

Session Migration

Session Tracking

**Session Hijacking**

None of these

**Question No: 56 (Marks: 1) - Please choose one**

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

**useBean**

setProperty

**getProperty**

None of these

**Question No: 57 (Marks: 1) - Please choose one**

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

sleep()

wait()

notify()

**yield()**

**Question No: 58 (Marks: 1) - Please choose one**

All \_\_\_\_\_ data is kept at the application server.

Dynamic

Static

**Both dynamic and static**

None of these

**Question No: 59 (Marks: 1) - Please choose one**

HTTP is \_\_\_\_\_ protocol.

**Stateless (Page#295)**

**Question No: 60 (Marks: 1) - Please choose one**

Configuration files will be stored in \_\_\_\_\_ Folder in TOMCAT.

**WEB-INF (Page#261)**

**Question No: 61 (Marks: 1) - Please choose one**

Which is not the part of HTTP request?

**Result Code (Page#243)**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 62 (Marks: 1) - Please choose one**

Cookies provide privacy?

**True (Page#298)**

(For privacy concern cookies can be disabled by client so cookies provide security)

**Question No: 63 (Marks: 1) - Please choose one**

A type of tag having start and end, attributes but no body enclosed within tag is called \_\_\_\_\_.

**Attribute tag (Page#380)**

**Question No: 64 (Marks: 1) - Please choose one**

JSP stands for \_\_\_\_\_.

**Java Server Pages (Page#332)**

**Question No: 65 (Marks: 1) - Please choose one**

Model in MVC (Model View Controller) represents \_\_\_\_\_.

**State of the component (Page#409)**

**Question No: 66 (Marks: 1) - Please choose one**

Correct format of writing an EL expression is \_\_\_\_\_.

**$\{Valid\ Expressions\}$  (Page#452)**

**Question No: 67 (Marks: 1) - Please choose one**

\_\_\_\_\_ operator is used to retrieve elements of arrays and collections

**Bracket [ ] operator (Page#458)**

**Question No: 68 (Marks: 1) - Please choose one**

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

**'Is a' relationship (Page 98)**

'Has a' relationship

**'Responds to' relationship**

None of the above given

**Question No: 69 (Marks: 1) - Please choose one**

Entire JSP page gets translated into a servlet \_\_\_\_\_.

**Once**

Every time when it is accessed

Every time when the page is refreshed

Every time when the browser is restarted



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 71 (Marks: 1) - Please choose one**

Which of the following component is/are used in directory Structure of web components?

html, JSP, Images etc..

**web.xml, Classes folder**

lib, jar files

All of the given options

**Question No: 72 (Marks: 1) - Please choose one**

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

**Question No: 73 (Marks: 1) - Please choose one**

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

Operator

Function

**Object**

Primitive data type

**Question No: 74 (Marks: 1) - Please choose one**

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

DDL

**DML**

DCL

None of the given

**Question No: 75 (Marks: 1) - Please choose one**

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

**Question No: 77 (Marks: 1) - Please choose one**

Which of the following feature provide facility for multiple inheritances:-

Adapter Classes

Wrapper Classes

**Interface**

Collection



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 80 (Marks: 1) - Please choose one**

HttpSession stores session information in:

File system of client

File system of server

**A cookie**

**A session object**

**Question No: 81 (Marks: 1) - Please choose one**

Interface of HttpServletResponse extends class ServletResponse

**True**

False

**Question No: 81 (Marks: 1) - Please choose one**

HTML form data can be processed by JSP

**TRUE**

FALSE

**Question No: 84 (Marks: 1) - Please choose one**

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

TRUE

**FALSE**

**Question No: 85 (Marks: 1) - Please choose one**

Interface can be implemented in JSP

TRUE

**FALSE**

**Question No: 86 (Marks: 1) - Please choose one**

Initialization parameters of a servlet are defined in \_\_\_\_\_ file.

html

JSP

**web.xml**

servlet

**Question No: 87 (Marks: 1) - Please choose one**

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

jspInit()

**jspService()**

\_jspService()

jspDestroy()



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 86 (Marks: 1) - Please choose one**

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

**TRUE**

FALSE

**Question No: 87 (Marks: 1) - Please choose one**

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

Image object

Jpanel object

JFrame onject

**Graphic object**

**Question No: 88 (Marks: 1) - Please choose one**

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

Public

Private

Protected

**Default**

**Question No: 89 (Marks: 1) - Please choose one**

getRequest() method gets information from a client and postrequest() method posts data to a client.

True

**False**

**Question No: 90 (Marks: 1) - Please choose one**

Java program code is compiled into form called

Machine code

Native Code

**Byte Code**

Source Code

**Question No: 91 (Marks: 1) - Please choose one**

Which of the following is a general purpose container?

JFrame

JDialog

**JPanel**

JWindow

**Question No: 92 (Marks: 1) - Please choose one**

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

exception-type

error-type

**error-page (Page 393)**

exception-page



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 93 (Marks: 1) - Please choose one**

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**

False

**Question No: 95 (Marks: 1) - Please choose one**

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

TRUE

**FALSE**

**Question No: 97 (Marks: 1) - Please choose one**

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

**2** (Unchecked & Checked Exceptions)

3

4

5

**Question No: 102 (Marks: 1) - Please choose one**

An expression tag contains a scripting language expression that is evaluated.

**True**

False

**Question No: 103 (Marks: 1) - Please choose one**

Border layout divides the area into \_\_\_\_\_ regions.

3

4

**5**

6

**Question No: 104 (Marks: 1) - Please choose one**

JSP page is a \_\_\_\_\_ document that describes how to process a request to create response.

**Test-based (ok)**

Xml- base

Both test-based and xml-based

None of above

**Question No: 105 (Marks: 1) - Please choose one**

Pack directory structure of J2EE web application is \_\_\_\_\_

Where each directory & file exists in the file system separately

Used during development of web application

**Used to deploy web application**

None of the given options





## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 106 (Marks: 1) - Please choose one**

Static methods only access \_\_\_\_\_.

instance variable

instance method

**static variables and methods**

None of the given

**Question No: 107 (Marks: 1) - Please choose one**

A final class can't be extended.

**True**

False

**Question No: 108 (Marks: 1) - Please choose one**

To destroy the session in Servlet we use?

session.destroy()

**session.invalidate()**

session.end()

session.Kill()

**Question No: 109 (Marks: 1) - Please choose one**

How many forms of redirect?

One

**Two**

Three

Four

**Question No: 110 (Marks: 1) - Please choose one**

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

**Primitive data types**

Reference data types

Native data types

Operators

**Question No: 111 (Marks: 1) - Please choose one**

One application has \_\_\_\_\_ servlet context(s).

**1**

2

3

4



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 112 (Marks: 1) - Please choose one**

Which of the following function will be used to register event handler with events generators (button)?

addAction()

**AddActionListener()**

AddKeyListener()

ActionListener()

**Question No: 114 (Marks: 1) - Please choose one**

From the following which of the following is not JSP directive?

Page

Include

Tangle

**Out**

**Question No: 116 (Marks: 1) - Please choose one**

A \_\_\_\_\_ in HashMap is associated with each object that is stored.

None of the given options

**Key**

Value

Attribute

**Question No: 117 (Marks: 1) - Please choose one**

\_\_\_\_\_ is/are the JSP Implicit Object(s).

session

application

config

**All of the given**

**Question No: 119 (Marks: 1) - Please choose one**

HTTPsession store session information in.

File system of client

File system of server

A cookie

**A session object**

**Question No: 120 (Marks: 1) - Please choose one**

From following tag which one is especial tag?

<% ! %>

<% \* %>

< % @%>

**< jsp: .|./>**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 122 (Marks: 1) - Please choose one**

Which of the following range of response code signify error by server?

200-299

300-399

400-499

**500-599**

**Question No: 124 (Marks: 1) - Please choose one**

Session tracking is done through following techniques

Cookies

Hidden fields

URL rewriting

**All of these (page 287)**

**Question No: 126 (Marks: 1) - Please choose one**

Which of the following must be used to compare the values of two strings?

= operator

== operator

**equals() method**

compare() method

**Question No: 127 (Marks: 1) - Please choose one**

Which method(s) must a serializable class, implement?

**It must always implement both readObject and writeObject**

It must implement either readObject or writeObject, or both, depending upon the desired behavior

No Need to implement any methods

None of the given

**Question No: 128 (Marks: 1) - Please choose one**

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

Statement

PreparedStatement

**CallableStatement**

None of the above given

**Question No: 129 (Marks: 1) - Please choose one**

Application is a object of:

**ServletContext**

HttpSession

ServletConfig

None of these



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 131 (Marks: 1) - Please choose one**

You want a class to have access to members of another class in the same package. Which is the most restrictive access that accomplishes this objective?

- public
- private
- protected**
- transient
- default access

**Question No: 132 (Marks: 1) - Please choose one**

Which of the following is NOT true about HTTP?

- HTTP is a stateless protocol
- HTTP is a request response communication model
- HTTP maintains user session between successive requests.
- HTTP has no built-in state management between successive requests.**

**Question No: 133 (Marks: 1) - Please choose one**

Which of the following folder contains configuration file?

- classes lib
- bin
- WEB-INF**
- None of the given

**Question No: 134 (Marks: 1) - Please choose one**

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

- Text**
- Number
- String
- None of these

**Question No: 136 (Marks: 1) - Please choose one**

\_\_\_\_\_ operator is used to retrieve elements of arrays and collections.

**Bracket [ ] operator (Page#458)**

**Question No: 140 (Marks: 1) - Please choose one**

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

- JFrame
- JPanel
- JButton
- All of the given options**

**Question No: 141 (Marks: 1) - Please choose one**

Correct format of writing an EL expression is \_\_\_\_\_.

**\${Valid Expressions} (Page#452)**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 142 (Marks: 1) - Please choose one**

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

service()

**init()**

destroy()

start()

**Question No: 143 (Marks: 1) - Please choose one**

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

jspInit()

**jspService()**

\_jspService()

jspDestroy()

**Question No: 145 (Marks: 1) - Please choose one**

From the following packages which one is used to write the servlets?

**Javax**

Java

Java.util

Java.lang

**Question No: 146 (Marks: 1) - Please choose one**

By using forward() method of \_\_\_\_\_ object, the called resource will be able to access the original request object.

HttpServletRequest

HttpServletResponse

**RequestDispatcher**

ServletConfig

**Question No: 149 (Marks: 1) - Please choose one**

Model in MVC (Model View Controller) represents \_\_\_\_\_.

**State of the component (Page#409)**

**Question No: 150 (Marks: 1) - Please choose one**

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

**Presentation**

**Debugging**

Business Logic

Data Management

**Question No: 152 (Marks: 1) - Please choose one**

Which of the following is not a correct scope when a JavaBean is used with JSP?

application

session

request

**response**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 153 (Marks: 1) - Please choose one**

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

java file

**configuration file**

jar file

servlet

**Question No: 154 (Marks: 1) - Please choose one**

response.sendRedirect(); is a implicit object of response which redirect the browser to the different resource.

**True**

False

**Question No: 156 (Marks: 1) - Please choose one**

JSP stands for \_\_\_\_\_.

**Java Server Pages (Page#332)**

**Question No: 158 (Marks: 1) - Please choose one**

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

**Session ID**

Network ID

Server ID

None of these

**Question No: 159 (Marks: 1) - Please choose one**

A type of tag having start and end, attributes but no body enclosed within tag is called \_\_\_\_\_.

**Attribute tag (Page#380)**

**Question No: 160 (Marks: 1) - Please choose one**

JSP scripting elements is/are:

Declarations

Scriptlets

expressions

**All of these**

**Question No: 162 (Marks: 1) - Please choose one**

When a JSP page is compiled, what is it turned into?

Applet

**Servlet**

Application

Midlet



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 163 (Marks: 1) - Please choose one**

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

Request method

URI

**Status code**

Header fields

**Question No: 164 (Marks: 1) - Please choose one**

Cookies provide privacy?

True

**False**

**Question No: 166 (Marks: 1) - Please choose one**

Session tracking is referred as:

Record the maintenance of user status

Record the maintenance of server

**Record the maintenance of client**

Observing the security issues

**Question No: 167 (Marks: 1) - Please choose one**

Which of the following is called pure abstract class?

Concrete Class

Wrapper Class

**Interface**

Abstract class with no abstract method

**Question No: 169 (Marks: 1) - Please choose one**

Configuration files will be stored in \_\_\_\_\_ Folder in TOMCAT

**WEB-INF (Page#261)**

**Question No: 171 (Marks: 1) - Please choose one**

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

**Statement**

PreparedStatement

CallableStatement

None of given

**Question No: 173 (Marks: 1) - Please choose one**

Port is a transport address to which processes can \_\_\_\_\_ for connections request.

read

Write

**Listen**

None of the given options



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 174 (Marks: 1) - Please choose one**

Which is not the part of HTTP request?

**Result Code (Page#243)**

(Result code is part of HTTP response)

**Question No: 176 (Marks: 1) - Please choose one**

Which of the following is NOT true for an Applet?

A small program written in Java and included in a HTML page

It is independent of the operating system on which it runs

**They have no access to the client's file system**

An applet is a Panel that allows interaction with a Java program

**Question No: 177 (Marks: 1) - Please choose one**

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

**Question No: 179 (Marks: 1) - Please choose one**

How many forms of redirect?

One

**Two**

Three

Four

**Question No: 181 (Marks: 1) - Please choose one**

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

init()

start()

run()

**runnable()**

**Question No: 182 (Marks: 1) - Please choose one**

The getSession() method of \_\_\_\_\_ returns HttpSession object.

HttpServletResponse

**HttpServletRequest**

ServletConfig

ServletContext





## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 183 (Marks: 1) - Please choose one**

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

Statement

ResultSet

**ResultSetMetaData**

DataBaseMetaData

**Question No: 184 (Marks: 1) - Please choose one**

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

**Primitive data types**

Reference data types

Native data types

None of the above

**Question No: 187 (Marks: 1) - Please choose one**

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

Sessiontimeoutindicator

SessionTimeOutIndicator

**SessionTimeoutIndicator**

None of these

**Question No: 188 (Marks: 1) - Please choose one**

setAttribute(String, Object) associates a \_\_\_\_\_ with a name.

Object

String

**Value**

None of these

**Question No: 189 (Marks: 1) - Please choose one**

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

**Session Migration**

Session Tracking

Session Hijacking

None of these

**Question No: 192 (Marks: 1) - Please choose one**

Which of the following method call causes the currently executing thread to return to Ready state?

sleep()

**yield()**

wait()

None of these



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 193 (Marks: 1) - Please choose one**

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

**\_jspService()**

jspDestroy()

jspInit()

None of these

**Question No: 194 (Marks: 1) - Please choose one**

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

Servlet

JSP

**ASP**

JSF

**Question No: 196 (Marks: 1) - Please choose one**

Servlets are used:

Create graphics

**Provide dynamic web contents which extend web servers**

Develop applets

Create GUI

**Question No: 199 (Marks: 1) - Please choose one**

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

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

It tells the component to paint its border.

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

It first performs custom painting and then paints the background.

**Question No: 201 (Marks: 1) - Please choose one**

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

ServletConfig

ServletRequest

ServletResponse

**ServletContext**

**Question No: 202 (Marks: 1) - Please choose one**

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

**absolute(int);**

absolute();

moveToInsertRow(int);

insertRow();



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

**Question No: 204 (Marks: 1) - Please choose one**

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

uni-directional

**bi-directional**

multi-directional

None of these

**Question No: 205 (Marks: 1) - Please choose one**

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

**JSP page**

JavaBean

servlet

HTML page

**Question No: 206 (Marks: 1) - Please choose one**

When JSP page compiled, it is translated into?

Applet

Application

**Servlet**

Web Browser

**Question No: 208 (Marks: 1) - Please choose one**

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

HttpSession session = req.getSession(true);

HttpSession session = req.getSession(false);

HttpSession session = req.getSession(1);

**None of these**

**Question No: 209 (Marks: 1) - Please choose one**

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

**Session Tracking**

User Tracking

Session Migration

None of these

**Question:4 (Marks: 1) - Please choose one**

Which of the following is used to work with javaBean to include pages at request time and forward request to other sources?

**JSP action element**

JSP declaration

Scriptlets

JSP expression



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:7

“application” is a object of

#### **ServletContext**

HttpSession

ServletConfig

Both ServletConfig and HttpSession

### Question:8

JSP comments are declared through following tag

Select correct option:

<%@ %>

<%-- --%>

<%! %>

<%= %>

### Question:12

Client is referred as a

Computer user

**Computer that a person is using for communication purpose**

Person which carry out web surfing

None of these

### Question:15

Which of the following is NOT a JSP action element?

useBean

setProperty

getProperty

**javaBean**

### Question:17

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

request

**out**

response

Both request and response



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:19

#### 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**

### Question:27

In JSP Instance variables and method are declared through following tag

<%@ %>

<%-- --%>

<%! %>

<%= %>

### Question:33

Which of the following statement is correct to assign maximum priority to thread “t2”?

t2.setPriority(Thread.PRIORITY\_MiX);

t2.setPriority(Thread.PRIORITY\_MAX)

**t2.setPriority(Thread.MAX\_PRIORITY);**

t2.setPriority(Thread.MIX\_PRIORITY);

### Question:37

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

Servlet

JSP

**ASP**

JSF

### Question:45

Servlets are used to

Create graphics

**Provide dynamic web contents which extend web servers**

Develop applets

Create GUI



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:46

Which of the following is/are not correct about Thread(s)?

Light weight

**Heavy weight**

Share same memory

Light weight and share same memory

### Question:50

HTTP is a ----- protocol.

**Stateless**

Connectionless

Connection oriented

Both Connectionless and Stateless

### Question:54

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

Result Code

Header files

Status code

**URI**

### Question:56

A \_\_\_\_\_ is a small text file used by servers to store pieces of data on a client for later retrieval.

session

**cookie**

URL rewriting

Session object

### Question:61

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

inheritance

interface

**Both inheritance and interface**

None of these



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:63

From the following packages which one is used to write the servlets?

**javax**

java

java.util

java.lang

### Question:66

JSP scripting elements is/are

Declarations

Scriptlets

expressions

**All of these**

### Question:67

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

Select correct option:

jspInit()

**jspService()**

\_jspService()

jspDestroy()

### Question:68

From the following which one is not a JSP directive?

page

include

taglib

**out**

### Question:69

To provide global control of JSP we use following tag

**<%@ %>**

<%-- %>

<%! %>

<%= %>



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:70

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

**Single**

Multiple

### Question:71

In JSP Instance variables and method are declared through following tag

<%@ %>

<%-- --%>

**<%! %>**

<%= %>

### Question:72

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

Page-Centric approach

**MVC Model1**

MVC Model2

MVC Model3

### Question:73

A separate controller is a part of which of the following approach?

Page-Centric approach

MVC Model1

**MVC Model2**

MVC Model3

### Question:75

JSTL stands for \_\_\_\_\_.

**JavaServer Pages Standard Tag Library**

JavaSrvlet Pages Standard Tag Library

Java Pages Standard Tag Library

### Question:76

JSP page is a -----document that describes how to process a request to create a response.

**Text**

XML

Both

None





## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:77

A java program that has some design conventions is called \_\_\_\_\_

java sevlet

jsp

jsf

**javabeen**

### Question:79

Which of the following represent state of the components in MVC?

**Model**

View

Control

Both Model and View

### Question:83

The HTTP response values in the range \_\_\_\_\_ specify that the request was successful.

100-199

**200-299**

300-399

400-499

### Question:84

With the help of \_\_\_\_\_ we can better organize our files into different directories.

Classes

Interfaces

Session

**Packages**

### Question:88

High coupling makes classes difficult or impossible to reuse because \_\_\_\_\_.

They are independent of other classes

**They depend on so many other classes**

They have limited functionality

They are not properly implemented

### Question:93

On every request from the client, the server creates a new \_\_\_\_\_ and calls the \_\_\_\_\_ method.

**thread, service()**

thread, init()

process, service()

process, init()



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

### Question:94

By \_\_\_\_\_, the original request can be forwarded to the next servlet.

**request dispatching**

response redirection

both request dispatching and response redirection

None of the given options

### Question:95

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

The maintenance of the application becomes a nightmare.

A lot of code is also get duplicated.

**Scaling of such kind of application is easy. (pg 397)**

The code becomes a mixture of presentation, business and data access logic.

### Question:96

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

Statement

**PreparedStatement (pg 147)**

CallableStatement

None of the given options

### Question:100

DataBaseMetaData object can be derived from \_\_\_\_\_ object.

ResultSet

**Connection (pg165)**

Statement

ResultSetMetaData

### Question:102

From following functions which function is invoked first?

paint()

**paintComponet( )**

paintBorder( )

paintChildern( )

### Question:103

There is/are \_\_\_\_\_ form(s) of response redirection.

1

**2 (pg 270)**

3

4



## (Objective-CS506 Web Design and Development)

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### Question:106

The **sleep(int time)** method causes the currently executing thread to wait for the time specified in -----

**Milliseconds (pg221)**

Nenoseconds

Seconds

Minutes

### Question:107

Java was developed in.....

1990

1994

**1995**

1996

### Question:108

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

DML statements

**DDL statements(pg144)**

DCL statements

None of given options

### Question:109

Extra sheet can be appended to URL using \_\_\_\_\_

i. Extra path information

ii. Added Parameters

iii. Custom Change

**iv. All of the given options**

### Question:110

Initialization \_\_\_\_\_ of web application are also called \_\_\_\_\_

**i. Parameters, Context Attributes not sure**

ii. Context Attributes, Parameters

iii. Parameters, Variables

iv. Context Attributes, Variables

### Question:111

J2EE is developed for which of the following application

**i. Very large applications**

ii. GUI based applications

iii. Mobile devices

iv. Network based applications



## (Objective-CS506 Web Design and Development)

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Which of the following protocol based server do we need to have while forwarding mails?

**SMTP**

TOMCAT

TELNET

FTP

3-Which of the following is the server side error:

401

402

403

**504**

By ----- the original request can be forwarded to the next servlet.

both request dispatching and response redirection

None of the given options

**request dispatching**

response redirection

There is/are form(s) of response redirection. –

1

**2**

3

4

8- Servlets handle requests sent by the user (clients) and generates----- response.

Static

**Dynamic**

Both static and dynamic

None of the given options

Which of the following problem most often occurs while scheduling threads using priority scheduling?

**Starvation**

Process death

Average waiting time

None of the given options

JavaBean is a/an

**Special Java class**

Special form of JSP

xml file

Servlet



## (Objective-CS506 Web Design and Development)

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The method of ServletConfig object is used to access the initialization parameters of seri/let.

```
getinitParam("param-name")  
getInitParameter("paramName")  
getinitializationParame("param-name")  
getinitializationParameter("param-name")
```

Which of the following statement is FLASE about servlets?

Servlets handle request sent by client and generates dynamic response.  
With servlets, each request is handled by lightweight java thread.

**With servlets, each request is handled by heavy weight operating system process.**

Servlets are portable across different platforms.

Initialization ----- of web application are also called -----

Parameters, context attributes –  
Context attributes, parameters —  
**Parameters, Variables — (may be)**  
Context attributes, variables

The ----- object contains the information relevant to a servlet.

**ServletConfig**  
ServletInfo  
ConfigInfo  
SerfletConfigInfo

Implicit objects are present within which of the following?

JSP comments  
**JSP tags**  
JSP Expressions  
JSP Declarations

When a user wants to access our application through browser which of the following folder of Tomcat does he access?

common  
**webapp**  
shared  
work



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

Which of the following method is called only once in servlet?

doGet ()  
service()  
**init ()**  
doPost()

What does HTTP session uses in its underlying layer?

Cookies  
URL rewriting  
**Cookies and URL rewriting**  
None of the given options

ArrayList is also called array.

Repeatable  
Renewable  
**Resizable**  
Reliable

The Bracket ([ ]) operator in Expression Language is generally used to retrieve of arrays and collections.

Properties  
**Elements**  
Values  
Attributes

With URL rewriting, the information appended to URL can be in the form of

Extra path information —  
Added parameters —  
Custom change —  
**All of the given options**

39- If you are going to implement multithreading in Java which of the following interface is required:

Threads  
**Runnable**  
POSDC  
THREADS  
Threading



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

JSDK is developed for which of the following applications :

Enterprise applications —

Processor based applications

Mobile devices —

**Network based applications**

41- Which of the following method is called each time a request is made?

Init()

**Service()**

destroy()

doGet()

42- How many servlets are there per web application?

1

2

As many as you can

**It depends upon servlet Context**

44- Session is a

Array

Link List.

**Hash Map**

Stack.

46- Which of the following tag is used for defining initialization parameters of a servlet?

<initialize-parameters> </initialize-parameters>

<init-parameters> </init-parameters>

**<init-param> </init-param>**

< initialize-param> </initialize-param>

47- Servlet mapping of a servlet is defined in ----- file.

Answer ( Please select your correct option )

JSP

HTML

**web.xml**

Servlet



## (Objective-CS506 Web Design and Development)

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In ----- Java is written inside HTML.

**JSP** (Servlet is HTML inside Java", while "JSP is Java inside HTML")

Servlets

Both Servlets and JSP –

None of the given options

**JSF** is ----- based framework

Both event and request/response

Request/Response

**Event**

None of the given options

Timer is initialized by which of the following method? –

**start()**

initialize()

schedule()

clone()

Yield is used in which of the following scheduling? –

Preemptive

**Cooperative**

Round Robin

Shortest job first

When the JSP file compiles In which of the following format does it changes? –

Java file

Html file

**Servlet file**

CSS file

A bean class.... be serializable.

**Can**

Can't

**Must**

Shouldn't





## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

Web services are Web-based enterprise applications that use open, ----- standards and transport protocols to exchange data with calling clients.

### XML-based

HTML-based

JSP -based

DHTML-based

Which of the following is a correct order for Bean scope in JSP page from most visible to least visible?

application, session, request, page – (not sure)

page, request, session, application —

session, page, request, application —

application, session, page, request —

Which of the following is not a built-in validator?

DoubleRangeValidator

LongRangeValidator

LengthValidator

**StringValidator**

By using sendRedirectQ method of ----- object, a new request is generated which redirects the user to called resource.

SeMetConfig —

ServletContext —

**HttpServletRequest —**

HttpServletResponse —

Managed Bean is JavaBeans which is defined in -----

Class file

**Configuration file**

Source file

None of the given options

HTTP lies on which of the following layer?

Presentation Layer

Data Layer

Network Layer

**Application Layer**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

Tomcat gives its initialization parameters in which of the following :

classes —  
**web.xml —**  
source —  
build —

Which of the following object has built in hash map?

**session —**  
cookies —  
hidden fields —  
Url encoding —

Request and response objects are built in which of the following:

Java files  
Html files —  
Servlet files —  
**JSP files —**

An Html file can also be saved with which one of the following extension?

class  
java —  
**jsp —**  
css —

Which of the following provides global control ofJSP?

<%= %>  
<% %>  
**<%@ %>**  
<%! %>

Which of the following are not the attributes of page directive?

import ="package.\*,package.class,..."  
errorPage ="relativeURL". —  
**61e="relativeURL". —**  
extends ="package.class". —



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

In the `init(ServletConfig)` method of Servlet life cycle, what method can be used to access the `ServletConfig` object?

`getServletInfo();`  
**`getInitParameters();` —**  
`getServletConfig();` —  
None of the given options —

Which of the implicit objects won't be available?

- (a) session, request
- (b) exception, request
- (c) exception, config
- (d) session, exception**

`ejbCreate()` method of CMP bean returns

- (a) null**
- (b) Primary Key class
- (c) Home Object
- (d) Remote Object

Which of the following is correct syntax for an Abstract class ?

- (a) `abstract double area() { }`
- (b) `abstract double area()`
- (c) `abstract double area();`**
- (d) `abstract double area(); { }`

A JSP page is opened in a particular Session. A button is present in that JSP page onclick of which a new Window gets opened.

- (a) The Session is not valid in the new Window
- (b) The Session is valid in the new Window**

A class can be converted to a thread by implementing the interface \_\_\_\_

- (a) Thread
- (b) Runnable**



## (Objective-CS506 Web Design and Development)

(Final Term Papers “No repeated Questions”) March, 2015 by Arshad, Asif & Rashid

What is the output of following block of program ?

```
boolean var = false;  
if(var = true) {  
    System.out.println("TRUE");  
} else {  
    System.out.println("FALSE");  
}
```

- (a) **TRUE**
- (b) FALSE
- (c) Compilation Error
- (d) Run-time Error

Which is the data structure used to store sorted map elements ?

- (a) HashSet
- (b) Hashmap
- (c) Map
- (d) **TreeMap**

Which of the following is true ?

- (a) **Stateless session beans doesn't preserve any state across method calls**
- (b) Stateful session beans can be accessed by multiple users at the same time

Stateful Session beans contain

- (a) Home Interface
- (b) Remote Interface
- (c) Bean Class
- (d) **All**

What is the output of this \_expression,

- (a) **The Name of person is: Chetana**
- (b) The Name of person is:
- (c) The Name of person is: null
- (d) None



## (Objective-CS506 Web Design and Development)

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What is the output of following piece of code ?

```
int x = 2;  
switch (x) {  
case 1: System.out.println("1");  
case 2:  
case 3: System.out.println("3");  
case 4:  
case 5: System.out.println("5");  
}
```

- (a) No output
- (b) 3 and 5**
- (c) 1, 3 and 5
- (d) 3

Identify which one is web brochure.

Amazon  
Face book  
Oxford university site  
E.bay (Online shopping site)