



Virtual University

About Us

CS506
Solved Final Term Paper 4

Waqar.siddhu@gmail.com

Year
2017

For More Plz Visit

WWW.VirtualAcademyLive.com

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the Name of Allāh, the Most Gracious, the Most Merciful

Paper Pattern

MCQS 40 each 1 mark
Short 4 each 2 marks
Short 4 each 3 marks
long 4 each 5 marks

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

JSP action elements allow us to work with _____.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ HTML

☐ JavaScript

☒ JavaBeans

☐ ManagedBeans

Made by: Waqar Siddhu

Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

Layers represent the _____ view of application.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Physical

☒ Logical

☐ External

☐ None of these

Made by: Waqar Siddhu

Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

The bracket operator in Expression Language is generally used to retrieve -----of arrays and collections.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Properties

☒ Elements

☐ Values

☐ Attributes

Made by: Waqar Siddhu

Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ XML-based

☐ HTML-based

☐ JSP-based

☐ DHTML-based

Made by: Waqar Siddhu

Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is a standard web based application framework.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Java

☐ Servlet

☐ JSP

☒ JSF

Made by: Waqar Siddhu

Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ FileReader fr = new FileReader("input.txt");

☐ FileReader fr = new FileReader(FileDescriptor.in);

☐ FileReader fr = new FileReader(in);

☐ FileReader fr = new FileReader(console);

Made by: Waqar Siddhu

Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ Starvation

☐ Process death

☐ Average waiting time

☐ None of the given options

Made by: Waqar Siddhu

Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ html, JSP, Images etc..

☒ web.xml, Classes folder

☐ lib, jar files

☐ All of the given options

Made by: Waqar Siddhu

Question No : 9 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ StringValidator

☐ DoubleRangeValidator

☐ LongRangeValidator

☐ LengthValidator

Made by: Waqar Siddhu

Question No : 10 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following comments can be read by taking view source of the webpage?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ <%..comments..%>

☒ <%--comments--%>

☐ <!--comments-->

☐ <%!comments%>

Made by: Waqar Siddhu

Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

JavaBean is a/an _____.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Servlet

☐ xml file

☒ Special Java class

☐ Special form of JSP

Made by: Waqar Siddhu

Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT the method of DataBaseMetaData object?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ isReadOnly()

☐ getDriverName()

☒ getColumnCount()

☐ getDatabaseProductName()

Made by: Waqar Siddhu

Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

The getSession() method of _____ returns HttpSession object.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ HttpServletResponse

☒ HttpServletRequest

☐ ServletConfig

☐ ServletContext

Made by: Waqar Siddhu

Question No : 14 of 52

Marks: 1 (Budgeted Time 1 Min)

By using sendRedirect() method of _____ object, a new request is generated which redirects the user to called resource.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ ServletConfig

☒ ServletContext

☐ HttpServletRequest

☐ HttpServletResponse

Made by: Waqar Siddhu

Question No : 15 of 52

Marks: 1 (Budgeted Time 1 Min)

Static methods can only access _____.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ Instance variables
- ☐ Instance methods
- ☒ Static variables and methods
- ☐ Both static and instance members

Made by: Waqar Siddhu

Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☒ Down casting
- ☐ Up casting
- ☐ In casting
- ☐ Out casting

Made by: Waqar Siddhu

Question No : 17 of 52

Marks: 1 (Budgeted Time 1 Min)

Web server is a software which provides services to access _____.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ Internet
- ☐ Intranet
- ☐ Extranet
- ☒ All of the given options

Made by: Waqar Siddhu

Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

Extra information can be appended to URL using _____.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ Extra path information
- ☐ Added parameters
- ☐ Custom change
- ☒ All of the given options

Made by: Waqar Siddhu

Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

In which file do we define a servlet mapping?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☒ Web.xml
- ☐ index.html
- ☐ Servlet.xml
- ☐ None of the given options

Made by: Waqar Siddhu

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

The _____ object contains the information relevant to a servlet.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☒ ServletConfig
- ☐ ServletInfo
- ☐ ConfigInfo
- ☐ ServletConfigInfo

Made by: Waqar Siddhu

Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

The _____ object contains the information relevant to a servlet.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ ServletConfig

☐ ServletInfo

☐ ConfigInfo

☐ ServletConfigInfo

Made by: Waqar Siddhu

Question No : 21 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ The maintenance of the application becomes a nightmare.

☐ A lot of code is also get duplicated.

☒ Scaling of such kind of application is easy.

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

Made by: Waqar Siddhu

Question No : 22 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ Expression Language

☐ Request Time

☐ Both Expression Language and Request Time

☐ None of the given options

Made by: Waqar Siddhu

Question No : 23 of 52

Marks: 1 (Budgeted Time 1 Min)

You can _____ to a network using sockets.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ read
- ☐ write
- ☒ read/write
- ☐ none of the given options

Made by: Waqar Siddhu

Question No : 24 of 52

Marks: 1 (Budgeted Time 1 Min)

In _____, Java is written inside HTML.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☒ JSP
- ☐ Servlets
- ☐ Both Servlets and JSP
- ☐ None of the given options

Made by: Waqar Siddhu

Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Which object would you use to share user specific information between JSPs?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ Request
- ☐ Response
- ☐ Session
- ☐ All of the given options

Made by: Waqar Siddhu

Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

Managed Bean is JavaBeans which is defined in _____

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ Class file
- ☒ Configuration file
- ☐ Source file
- ☐ None of the given options

Made by: Waqar Siddhu

Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

Which package contains JOptionPane?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ java.util
- ☒ javax.swing
- ☐ java.awt
- ☐ java.lang

Made by: Waqar Siddhu

Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

From the following situations, When should we use interface?

p 98
no sure

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

- ☐ When we have natural inheritance structure.
- ☐ When we do not have a Natural inheritance structure.
- ☒ When we do not need abstract class.
- ☒ When we do not need to implement all methods.

Made by: Waqar Siddhu

Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

If we have created a DSN named as employeeDSN what will be the url of database:

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☒ "jdbc:odbc: employeeDSN"

☐ "jdb_odbc: employeeDSN"

☐ "odbc :jdbc: employeeDSN"

☐ "jdbc:odbc_employeeDSN"

Made by: Waqar Siddhu

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

Identify which of the following statements is DML statement

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Drop column

☐ View column

☐ Create column

☒ Delete column

Made by: Waqar Siddhu

Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

How many folders are there in Jakarta Tomcat?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ No folder

☐ 3

☒ 7

☐ 9

Made by: Waqar Siddhu

Question No : 33 of 52

Marks: 1 (Budgeted Time 1 Min)

If we iterate over the cookies of the website and no cookies are found what does it mean?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐

Cookies were present but now they are finished.



☐

We have not visited the site.

☐

We have visited but the site was busy.

☐

We have visited the site some time ago.



Made by: Waqar Siddhu

Question No : 34 of 52

Marks: 1 (Budgeted Time 1 Min)

What is not true about cookies?

t.

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐

Their size is about 4906.

☐

They are maintained as value-pair.

☐

Stored at server side.

☐

They are small tex

Made by: Waqar Siddhu

Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following object has built in hash map?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐

session

☐

cookies

☐

hidden fields

☐

Url encoding

Made by: Waqar Siddhu

Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following provides global control of JSP?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ <%! %>

☒ <%@ %>

☐ <% %>

☐ <%= %>

Made by: Waqar Siddhu

Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

Implicit objects are present within which of the following?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ JSP comments

☐ JSP tags

☒ JSP Expressions

☐ JSP Declarations

Made by: Waqar Siddhu

Question No : 38 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ getServletInfo();

☒ getInitParameters();

☐ getServletConfig();

☐ None of the given options

Made by: Waqar Siddhu

Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

In order to run our web application, we should place our application in which of the following folder?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ common folder

☒ webapp folder

nt sure

☐ shared folder

☐ bin folder

Made by: Waqar Siddhu

Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

In which of the following application we do not need to maintain sessions?

Answer (Please select your correct option)

WWW.VirtualAcademyLive.com

☐ Course registration web application.

☐ Web based shopping carts.

☒ Web reputation systems.

☐ Window shopping systems.

Made by: Waqar Siddhu

Question No : 41 of 52

Marks: 2 (Budgeted Time 4 Min)

What are advantages of hash tables?

Answer (Please [click here](#) to Add Answer)

WWW.VirtualAcademyLive.com

Normal Arial 12 B I U

Made by: Waqar Siddhu

Question No : 42 of 52

Marks: 2 (Budgeted Time 4 Min)

Being a java front end web developer, write the characteristics of tag with body custom tag and also give example.

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 43 of 52

Marks: 2 (Budgeted Time 4 Min)

Why do we use Session Tracking in HttpServlet?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 44 of 52

Marks: 2 (Budgeted Time 4 Min)

What type of problem persists with Struts Framework?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 45 of 52

Marks: 3 (Budgeted Time 6 Min)

Write any three limitations of default ResultSet object.

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

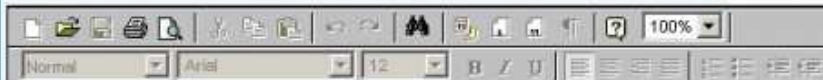
Question No : 46 of 52

Marks: 3 (Budgeted Time 6 Min)

What refers to "this" in following statement and what is the meaning of following line in both cases if it returns true or false ?
onsubmit="return validate_Form(this)"

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 47 of 52

Marks: 3 (Budgeted Time 6 Min)

Suppose a web page is sending phone number and address of a student to server. Write servlet code which will read both values at server end. If any of value is blank show message "please enter value".

Note: assume boxes names are phnumber and address. You are not required to write complete code. Write code that can perform required task.

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 48 of 52

Marks: 3 (Budgeted Time 6 Min)

What is the difference between variable declared inside a declaration part and variable declared in scriptlet part?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 49 of 52

Marks: 5 (Budgeted Time 10 Min)

What is the difference between node and filter streams? If we get the data from user and compresses it to the required format which streams will be used as node stream and filter stream?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 50 of 52

Marks: 5 (Budgeted Time 10 Min)

What are benefits of partitioning the application in logical layers?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 51 of 52

Marks: 5 (Budgeted Time 10 Min)

What are the advantages of Cookies over URL rewriting?

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu

Question No : 52 of 52

Marks: 5 (Budgeted Time 10 Min)

You are required to write a Servlet code that will read the parameters passed from the login page. In a login page, user will enter username in text field uname and password in text field pass. If the user name is "vulms" and password is "admin" then send the user to "Welcome.jsp" else send the user to "Error.jsp"

Note: You are not required to write complete code. Just write code which will read form data and send response to Welcome or Error page.

Answer ([Please click here to Add Answer](#))

WWW.VirtualAcademyLive.com



Made by: Waqar Siddhu