Started on	Thursday, 17 June 2021, 4:08 PM	
State	Finished	
Completed on	Thursday, 17 June 2021, 4:58 PM	
Time taken	50 mins	
Marks	45.00/50.00	
Grade	<b>9.00</b> out of 10.00 ( <b>90</b> %)	
Question <b>1</b>		
Correct		
Mark 1.00 out of 1.00		
Which components	are required to use in JSP page after custom tag implemented?	
a. Custom tagli	b class that extends from tagext, tags file, declaration in both web.xml and JSP files	
<ul><li>b. Custom tagl</li></ul>	ib class that extends from JSTL, tld file, declaration in context.xml file	
o c. None of the	others	
d. Custom tagli	ib class that extends from tagext, tld file, declaration in web deployment descriptor	~
The correct answer	is: Custom taglib class that extends from tagext, tld file, declaration in web deployment descriptor	
Question <b>2</b>		
Correct		
Mark 1.00 out of 1.00		
What does the Filte	rChain do?	
<ul><li>a. FilterChain is</li></ul>	a function of the web.xml file	
<ul><li>b. It invokes the chain.</li></ul>	e next filter in the chain, or if the calling filter is the last filter in the chain, it invokes the resource at the end of the	<b>~</b>
c. It invokes the	e first filter in the chain.	

The correct answer is: It invokes the next filter in the chain, or if the calling filter is the last filter in the chain, it invokes the resource at the end of the chain.

d. It does nothing.

Question <b>3</b>
Correct Mark 1.00 out of 1.00
Mark 1.50 out of 1.50
In the request life cycle of Struts 2, which component invokes the Interceptors to apply the common functionalities?
○ a. ActionServlet
○ b. FilterDispatcher
○ c. ActionMapping
The correct answer is: ActionInvocation
Question 4
Correct
Mark 1.00 out of 1.00
The class java.sql.Timestamp has its super class as
○ a. java.sql.Date
○ b. java.util.Time
⊚ c. java.util.Date     ✓
O d. java.sql.Time
The correct answer is: java.util.Date
Question 5 Correct
Mark 1.00 out of 1.00
FTP uses the services of?
⊚ a. TCP ✓
○ b. PPP
○ c. IP
O d. UDP
The correct answer is: TCP

Question 6
Correct  Mark 1,00 out of 1.00
Mark 1.00 Out of 1.00
Choose option is NOT types of filters in JSP
a. Data Compression Filters
b. Authentication Filters
○ c. Logging Filters
<ul><li>d. Time Controlling Filters</li></ul>
The correct answer is: Time Controlling Filters
Question <b>7</b> Correct
Mark 1.00 out of 1.00
What is NOT true about MVC Model 2 Architecture?
<ul> <li>a. It is applied for little applications only, not for substantial applications</li> </ul>
<ul> <li>b. The controller transmits the request, and selects a view for presenting data to the user.</li> </ul>
c. The model represents the application object or data.
<ul> <li>d. The view represents the user interface component of the data model</li> </ul>
The correct answer is: It is applied for little applications only, not for substantial applications
Question 8
Correct  Mark 1.00 out of 1.00
Which one is the correct order of phases in JSP life cycle?
a. Initialization, Cleanup, Compilation, Execution
b. Initialization, Compilation, Cleanup, Execution
<ul><li>◎ c. Compilation, Initialization, Execution, Cleanup</li></ul>
d. Cleanup, Compilation, Initialization, Execution
The correct answer is: Compilation, Initialization, Execution, Cleanup

The correct answer is: Compilation, Initialization, Execution, Cleanup

Question 9	
Correct	
Mark 1.00 out of 1.00	
When we are sending data in URL in get method, how to separate path and parameter?	
○ a. By Comma	
b. By underscore	
○ c. By Semicolon	
<ul><li>d. By question mark</li></ul>	
The correct answer is: By question mark	
Question 10	
Mark 1.00 out of 1.00	
Mark 1.00 out of 1.00	
Which method is used to perform DML statements in JDBC?	
a. execute()	
O b. executeResult()	
⊚ c. executeUpdate()     ✓	
○ d. executeQuery()	
The correct answer is: executeUpdate()	
The correct ariswer is. executeopaate()	
Question 11 Correct	
Mark 1.00 out of 1.00	
are small pieces of information that are deposited on the client by the server.	
<ul><li>a. Cookie</li><li>✓</li></ul>	
O b. Directive	
○ c. Scriptlet	
○ d. Session	
The correct answer is: Cookie	

Question 12	
Correct	
Mark 1.00 out of 1.00	
When clicking a link or entering raw URL in browser address bar, if	
a Servlet is listening on the URL in question, then its method will be called?	
a. doPost()	
<ul><li>b. doOptions()</li></ul>	
o. dolnit()	
	~
The correct answer is: doGet()	
Question 13	
Incorrect MAIL 0.00 x 1 x 54.00	
Mark 0.00 out of 1.00	
When destroy method() of servlet called?	
a. When the servlet is executed for the first time.	
b. When you remove the application from server	
c. When the servlet is executed, it runs for the last time.	×
d. When you close the browser window	
The correct answer is: When you remove the application from server	
Question 14	
Correct	
Mark 1.00 out of 1.00	
Which is the methods of generated Servlet??	
ajspDestroy()	
○ bjspService()	
cjspBuild()	
(a) d isplait()	~
djspInit()	•
djspInit()	•

```
7/15/2021
                                                                     Progress Test 1 - SE1502: Attempt review
    Question 15
    Correct
    Mark 1.00 out of 1.00
      Fill in the blank to display the value of variable "number"
       7 <%@page contentType="text/html" pageEncoding="UTF-8"%> 8 <%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
       9 <!DOCTYPE html>
       10 <html>
       11
           <head>
              <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
       12
              <title>JSP Page</title>
      13
       14
           </head>
       15
            <body>
             <h4>Hello JSTL</h4>
       16
       17
             <c:set var="number" value="50"></c:set>
       18
             Number:
                                             </body>
       19
      20 </html>
      21
       a. <c:out value="${number}"></c:out>
       b. <c:out value="number"> </c:out>
       c. <c: value="${number}"></c:>
       d. <c:out "${number}"></c:out>
```

Your answer is correct.

The correct answer is: <c:out value="\${number}"></c:out>

Ouestion 16

Correct Mark 1.00 out of 1.00

Which of the following statement is not correct about HTTP method?

- a. A GET request append data to the end of the URL.
- b. HTTP OPTIONS request for communication options available on the request/response chain
- o c. A POST request append data to the end of the URL.
- d. HTTP DELETE method request for the Server to delete the resource

The correct answer is: A POST request append data to the end of the URL.

Question 17	
Correct	
Mark 1.00 out of 1.00	
Which is true about TLD files?	
<ul> <li>a. TLD files can declare both Simple and Classic tags, but TLD files are NOT used to declare Tag files.</li> </ul>	
<ul> <li>b. TLD files may be placed in the META-INF directory of the WAR file.</li> </ul>	
c. TLD files are used to configure JSP environment attributes, such as scripting-invalid.	
<ul> <li>d. TLD files may be placed in any subdirectory of WEB-INF.</li> </ul>	
The segment angular in TLD files was the placed in any subdirectors of MED INF	
The correct answer is: TLD files may be placed in any subdirectory of WEB-INF.	
Question 18	
Correct	
Mark 1.00 out of 1.00	
interface with all methods for contacting a database?	
○ a. Driver	
<ul><li>b. Connection</li></ul>	
○ c. Statement	
○ d. ResultSet	
The correct answer is: Connection	
Question 19	
Correct	
Mark 1.00 out of 1.00	
What object will represent the output stream for the JSP page?	
mat object militapitosom and datipat of and object page.	
<ul><li>a. response</li></ul>	
○ c. dispatch	
○ d. writer	
The correct answer is: out	

Question 20	
Correct Mark 1.00 out of 1.00	
Given a web application in which the request parameter productID contains a product identifier. Which two EL expressions evaluate the value of the productID? (Choose two.)	
a. \${params.productID}	
□ b. \${productID}	
☑ c. \${param.productID}	
☑ d. \${paramValues.productID[0]}	
□ e. \${paramValues.productID}	
☐ f. \${params.productID[1]}	
Your answer is correct.	
The correct answers are: \${param.productID},	
\${paramValues.productID[0]}	
o 21	
Question <b>21</b> Correct	
Mark 1.00 out of 1.00	
What is NOT true about RequestDispatcher in Servlet?	
<ul> <li>a. Uses include method, the control retains with the current Servlet and it just includes the processing done by the calling of Servlet or the JSP</li> </ul>	
<ul> <li>b. provides the facility of dispatching the request to another resource it may be html, servlet or jsp</li> </ul>	
<ul> <li>c. Uses getRequestDispatcher() method to return the forward/include object</li> </ul>	
<ul> <li>d. uses forward method, the control is transferred to the next Servlet or JSP the application is calling</li> </ul>	

The correct answer is: Uses getRequestDispatcher() method to return the forward/include object

5/2021	1 Togless Test 1 - GETOVE. Attempt Teview
Question <b>22</b>	
Correct	
Mark 1.00 out of 1.00	
Ahas a name	e, a single value, and optional attributes such as a comment, path and domain qualifiers, a maximum age, and a version
<ul><li>a. cookie</li></ul>	<b>✓</b>
<ul><li>b. session</li></ul>	
o c. response	
Od. request	
The correct answer is	s: cookie
Question <b>23</b> Correct	
Mark 1.00 out of 1.00	
How can you open a	link in a new browser window?
o a. <a href="url&lt;/td&gt;&lt;td&gt;target =" open"=""></a>	
b. <a href="url&lt;/p&gt;&lt;/td&gt;&lt;td&gt;" target="_blank"></a>	
oc. <a <="" href="url" td=""><td>'.new&gt;</td></a>	'.new>
O d. <a href="url&lt;/td&gt;&lt;td&gt;" target="new"></a>	
Your answer is correc	xt.
The correct answer is <a href="url" target<="" td=""><td></td></a>	

Question 24 Incorrect
Mark 0.00 out of 1.00
Choose the correct way to use the JSTL Function Tags
a. <%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn" %>
b. <%@ taglib uri="http://java.sun.com/jsp/jstl/JSTLFunctionTags prefix="fn" %>
C. <%@ taglib uri="http://java.sun.com/jsp prefix="c" %>
d. <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
Your answer is incorrect.
The correct answer is:
<%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn" %>
Question <b>25</b>
Correct
Mark 1.00 out of 1.00
Verification of a login name and password is known as?
<ul> <li>a. accessibility</li> </ul>
<ul><li>b. authentication</li></ul>
○ c. configuration
○ d. logging in
The correct answer is: authentication
Question <b>26</b> Correct
Mark 1.00 out of 1.00
Which type of Statement can execute parameterized queries?
<ul><li>a. PreparedStatement.</li></ul>
○ b. ParameterizedStatement and CallableStatement.
○ c. ParameterizedStatement.
<ul> <li>d. Which implement a sub interface of Statement.</li> </ul>

The correct answer is: PreparedStatement.

Question 27	
Correct	
Mark 1.00 out of 1.00	
Which interface is chosen to be extended by many tag handlers to create a custom tag?	
a. BodyTagSupport	
○ c. TagSupport	
○ d. IterationTag	
○ e. BodyTag	
The correct answer is: Tag	
20	
Question 28 Correct	
Mark 1.00 out of 1.00	
Which implicit object is supported in jsp page to access pageScope, requestScope, sessionScope, applicationScope?  a. pageContext object b. context object c. scope object d. application object  The correct answer is: pageContext object	,
Question 29 Correct	
Mark 1.00 out of 1.00	
Which of the following is not a part of Struts architecture?  a. Interceptors  b. Value Stack / OGNL  c. Actions	
⊚ d. EJB	

The correct answer is: EJB

```
Question 30
Correct
Mark 1.00 out of 1.00
```

```
Suppose we have the servlet "NewServlet" with the code to retrieve the value of parameter "gender" from the input.html

protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    PrintWriter out = response.getWriter();
    String gender = request.getParameter("gender");
    if (gender.equals("male")) {
        out.println("Gender: male");
    }
    else {
        out.println("Gender: female");
    }
}
```

Please choose the correct HTML code from the input.html for the "gender". Choose TWO:

Your answer is correct.

The correct answers are:

 $\ \Box$  d. Gender: <input type="text" name="gender" value="male" checked />

<input type="text" name="gender" value="female"/>

Question 31	
Correct	
Mark 1.00 out of 1.00	
Which statement is CORRECT about Struts 2?	
a. Implements the Action interface.	
<ul><li>b. Provide a single tag library.</li></ul>	<b>~</b>
○ c. Uses JSTL.	
○ d. Provides multiple tag libraries.	
The correct answer is: Provide a single tag library.	
Question <b>32</b>	
Correct	
Mark 1.00 out of 1.00	
In web application, these tasks such as authentication-blocking of requests, data compression, logging and auditing are performed by	
a. servlet config	
○ b. servlet context	
⊚ c. servlet filter	~
<ul> <li>d. servlet container</li> </ul>	
The correct answer is: servlet filter	
Question <b>33</b> Correct	
Mark 1.00 out of 1.00	
What does the FilterChain do?	
<ul> <li>a. It invokes the first filter in the chain.</li> </ul>	
○ b. It does nothing.	
c. FilterChain is a function of the web.xml file	
<ul> <li>d. It invokes the next filter in the chain, or if the calling filter is the last filter in the chain, it invokes the resource at the end of the chain.</li> </ul>	<b>~</b>

The correct answer is: It invokes the next filter in the chain, or if the calling filter is the last filter in the chain, it invokes the resource at the end of the chain.

Question <b>34</b>
Correct
Mark 1.00 out of 1.00
What http method send by browser that gives the server what user data typed in the form?
○ b. put
○ c. delete
O d. head
The correct answer is: post
Question <b>35</b>
Correct
Mark 1.00 out of 1.00
Which statements about JDBC are NOT true?
<ul> <li>a. JDBC provides a standard API for tool/database developers and makes it possible to write database applications using a pure Java API.</li> </ul>
<ul> <li>b. It consists of a set of classes and interfaces written in the Java programming language.</li> </ul>
o c. The combination of Java and JDBC lets a programmer write it once and run it anywhere.

The correct answer is: JDBC is a Java database system.

Question <b>36</b> Correct Mark 1.00 out of 1.00	
To connect to the database, which JSTL tag do we use?	
a. <sql:setdatabase></sql:setdatabase>	
b. <sql:setconnection></sql:setconnection>	
© c. <sql:setdatasource></sql:setdatasource>	
○ d. <sql:setdatabase></sql:setdatabase>	
Your answer is correct.	
The correct answer is: <sql:setdatasource></sql:setdatasource>	
Question 37	
Correct	
Mark 1.00 out of 1.00	
HttpServletRequest request and HttpServletResponse response, which sets a cookie "username" with the value "joe" in a servlet?	
a. response.addCookie( "username", "joe")	
○ b. response.addHeader( new Cookie( "username", "joe"))	
⊚ c. response.addCookie( new Cookie( "username", "joe"))	
○ d. request.addCookie( "username", "joe")	
e. request.addHeader( new Cookie( "username", "joe"))	
Your answer is correct.	
The correct answer is: response.addCookie( new Cookie( "username", "joe"))	

Question 38 Incorrect
Mark 0.00 out of 1.00
Which among the following components acts as a Controller in Struts 2 framework? Choose TWO answer.
☑ a. ActionMapper
■ b. FilterDispatcher
c. Configuration Manager
☐ d. Interceptors
Your answer is incorrect.
The correct answers are: FilterDispatcher,
Interceptors
Question 39 Correct
Mark 1.00 out of 1.00
In the request life cycle of Struts 2, which component invokes the Interceptors to apply the common functionalities?
<ul><li>a. ActionServlet</li></ul>
○ b. FilterDispatcher
© C. Actioninvocation
<ul> <li>d. ActionMapping</li> <li>The correct answer is: ActionInvocation</li> </ul>

```
Question 40
Correct
Mark 1.00 out of 1.00
 You are creating a web form with this HTML:
  <body>
  cody/
cform action="login.jsp">
   ID!<input type="text" name="id"><br>
   Name:<input type="text" name="name"><br>

     <input type="submit" value="Login">
   </form>
  </body>
 Which HTTP method is used when user press the "Login" button from the browser?
   a. GET
   ob. POST
   c. SEND
   Od. PUT
  Your answer is correct.
 The correct answer is:
 GET
```

Question 41

Correct

Mark 1.00 out of 1.00

Please choose the right code to display information as bellows:

Your chosen Books[quantity\*price] are:

- Java [3 \* \$10] = 30
- C# [5 \* \$15] = 75
- a. Your chosen Books[quantity\*price] are:

```
    Java [3 * $10] = $[3*10]
    C# [5 * $15] = $[5*15]
```

b. Your chosen Books[quantity\*price] are:

```
    Java [3 * $10] = ${3*10}
    C# [5 * $15] = ${5*15}
```

C. Your chosen Books[quantity\*price] are:

```
Java [3 * $10] = ${3*10}
C# [5 * $15] = ${5*15}
```

od. Your chosen Books[quantity\*price] are:

```
    | Java [3 * $10] = {3*10}
    | C# [5 * $15] = {5*15}
    | Cul>
```

Your answer is correct.

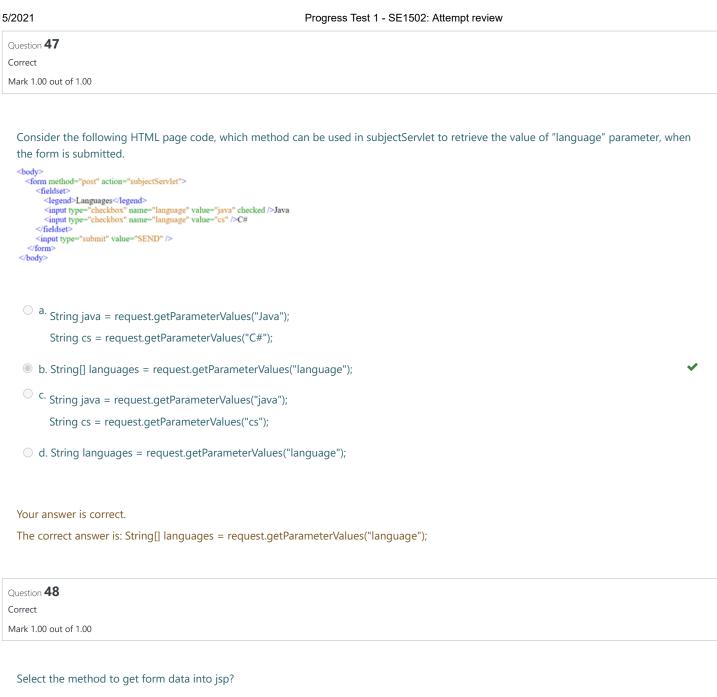
The correct answer is: Your chosen Books[quantity\*price] are:

```
    | 3 * $10] = ${3*10}
    | 5 * $15] = ${5*15}
    | 4|
```

Question <b>42</b>	
Incorrect Mark 0.00 out of 1.00	
Walk 0.00 dat of 1.00	
Which following methods of HttpServlet class stores a resource under the request URL?	
○ a. doPost	
○ b. doPut	
○ c. doTrace	
○ d. doHead	
○ e. doDelete	
	×
The correct answer is: doPut	
Question 43	
Correct	
Mark 1.00 out of 1.00	
Suppose we write the Servlet "EditServlet" to delete the student based on "id" using delete(id) method and then display the list in "display.jsp". Please try to fill the *Position1*, *Position2* and *Position3* to make the code complete.  @Override protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {     response.setContentType("text.html;charset-UTF-8");     String action = request.getParameter("action");     int id = Integer.parseInt(request.getParameter("id"));     StudentList 3.List = new StudentList();     ArrayList-StudentList();     ArrayList-Student list = new ArrayList<();     ist= sList.delete(id);     session.setAttribute("listStudent", *Position2*);     request.*Position3*("display.jsp").forward(request, response);     break; }	
<ul> <li>a. action, list, getRequestDispatcher</li> </ul>	~
O b. "action", "list", getRequest	
c. id, listStudent, getRequest	
<ul> <li>d. id, listStudent, getRequestDispatcher</li> </ul>	
Your answer is correct. The correct answer is: action, list, getRequestDispatcher	

Question 44
Correct
Mark 1.00 out of 1.00
Choose the option to make jsp page as an error page?
○ a. Session= "true"
○ b. isErrorPage= "false"
⊚ c. isErrorPage= "true"     ✓
O d. Session= "false"
Your answer is correct.
The correct answer is: isErrorPage= "true"
istriorrage – tite
Question 45
Correct  Mark 1.00 out of 1.00
mark 1.00 out of 1.00
Which of the following is not a directive in JSP?
○ a. page
○ b. taglib
○ c. include
⊕ d. export     ✓
The correct answer is: export
Question <b>46</b>
Correct
Mark 1.00 out of 1.00
Which method we must override in the extend ActionSupport class to provide the implementation of validation in Struts 2?
a. input() method
b. validate() method for each input data
© c. validate() method
d. checkParams() method
G. Checki aranisy method

The correct answer is: validate() method



- a. getParameter()
- b. request.getParameter()
- c. request.getString()
- d. request.getparameter()

The correct answer is: request.getParameter()

Question 49	
Correct	
Mark 1.00 out of 1.00	
What type of servlets use these methods such as doGet(), doPost(),doHead, doDelete(), doTrace()?	
○ a. GenereicServlets	
b. HttpServlets	~
○ c. RequestServlets	
○ d. ConfigServlets	
The correct answer is: HttpServlets	
Question 50	
Incorrect	
Mark 0.00 out of 1.00	
Which of the following components is used by application to work with database server?	
<ul><li>a. Connection</li></ul>	
○ b. DriverManager	
○ c. JDBC driver	
d. Statement	×

The correct answer is: Connection