

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-IV • EXAMINATION – SUMMER • 2014

Subject Code: 2640002

Date: 27-05-2014

Subject Name: Web Technology and Application Development

Time: 10:30 am - 01:00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** Answer the Following **07**
- (1) We can save external JavaScript file with ____ extension.
 - (2) Error between 400 and 499 represents ____.
 - (3) In setMaxAge() we have to pass ____ as a argument.
 - (4) With <jsp:include> we are allowed to insert ____ of included page.
(Output / Code)
 - (5) To print "\${" in our page ____ character is used.
 - (6) If the cookies are disabled on client-side, the alternate mechanism that can be used is ____
 - a. URL Rewriting
 - b. Forcefully enable the cookies
 - c. Use of beans
 - d. None of the above
 - (7) Which of the following code is correct example of using the <jsp:useBean> tag for the jsp page that uses the java.sun.com.MyBean component ?
 - a. <jsp:useBean id="java.sun.com.MyBean" scope="page"/>
 - b. <jsp:useBean id="MyBean" class="java.sun.com.MyBean"/>
 - c. <jsp:useBean id="MyBean" type="java.lang.String"/>
 - d. <jsp:useBean id="MyBean" beanName="java.sun.com.MyBean"/>
- (b)** (1) Write Down steps for Sending the Cookies from Server to Client **04**
(2) Write Down Steps for Receiving Cookies from Client to Server **03**
- Q.2 (a)** Explain Servlet Life Cycle with Example **07**
(b) Explain in detail <jsp:include> action and include directive. **07**
)
- OR**
- (b)** Explain <jsp:usebean> <jsp:setProperty> and <jsp:getProperty> with suitable example. **07**
)
- Q.3 (a)** What is SC? Discuss any five status code in brief **07**
(b) What do you mean by Sharing Beans? Explain all four scopes of Sharing Beans **07**
) with suitable example.
- OR**
- Q.3 (a)** Explain different ways to deactivate EL in JSP Pages with Suitable Example **07**
(b) (1) Explain use of "referer" header with reference to request headers with suitable example **04**
(2) Explain use of setStatus() with suitable example **03**
- Q.4 (a)** What is JSTL ? Also explain following JSTL **07**
c:out, c:forEach, c:forTokens, c:import, c:url, c:param
(b) What do you mean by Event Listeners ? Explain any five event listeners in detail. **07**
)
- OR**
- Q.4 (a)** Explain the use of prepared statement with suitable example **07**

- (b) Write down steps for implementing form based declarative security 07
- Q.5** (a) Explain following terms with reference to your deployment descriptor file 07
(1) <welcome-file-list> (2) <context-param> (3) <error-page> (4) <icon> (5)
<load-on-startup> (6) <url-pattern> (7) <distributable>
- (b) Write a servlet that just says “Welcome.” To Internet Explorer Users and “Good Bye” to all other non-IE users. 07
- OR**
- Q.5** (a) Write down steps for creating java based tag files with suitable example 07
- (b) Write down steps for implementing filter. Also give example which prints access time and access by information on tomcat screen. 07
