GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER–IV • EXAMINATION – SUMMER 2015

Subject Code:640002   **Date:13/05/2015**

Subject Name:Web Technology & Application Development (WTAD)

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)** Briefly explain following terms in short   **07**

1. Alert() in Java Script
2. Response Header
3. Cookie
4. XML Parser
5. <jsp:forward>
6. EL
7. JDBC

(b) Fill in the blanks for the following   **07**

1. _____ is the file which stores all the Servlet mappings.
2. In JSTL,_____ can be used for looping construct.
3. In JDBC,_____ class is used to execute Parameterized statement.
4. Output of \${55-22} will be _____.
5. Status Code 404 is for _____ .
6. _____ method of HttpServletRequest object is used to read header details.
7. While using Java Beans with JSP,_____is used to fetch bean details (values) from the stored object

Q.2 **(a)** Briefly explain life cycle of Servlet.   **07**

(b) Explain following with reference to JavaScript   **07**

- prompt()   - confirm()

OR

(b) Briefly explain Arrays in JavaScript with its properties.   **07**

Q.3 **(a)** Briefly explain web.xml file   **07**

(b) Briefly explain implicit objects of JSP   **07**

Q.3 **(a)** What do you mean by Session ? Explain how session management is done using servlet including methods of servlet. **07**

(b) What do you mean by Beans ? Explain along with <jsp:useBean>, <jsp:setProperty> and <jsp:getProperty> **07**

Q.4 **(a)** What do you mean by JSP EL ? Explain how to ignore EL in your JSP page. **07**

(b) Write a code segment to read all the cookies. **07**

OR

Q.4 **(a)** What do you mean by Filters ? Explain with context to Servlet and JSP **07**

(b) Briefly explain <c:forEach> and <c:forTokens> as JSTL. **07**

Q.5 **(a)** Explain types of Statement objects. Describe CallableStatement in detail. **07**

(b) Explain any two from the following **07**

- <c:if> - <c:redirect> - <c:param>

OR

Q.5 **(a)** What do you mean by ResultSet ? Explain various methods along with one small example. **07**

(b) 1. Explain the difference between <jsp:include> and <%@include....> **04**

2. Explain the difference between response.sendRedirect() and RequestDispatcher. **03**

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