

Seat No.: _____

Enrolment No. _____

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**

OR

- 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**
