

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-VI • EXAMINATION – SUMMER 2013

Subject Code: 640002**Date: 23-05-2013****Subject Name: Web Technology & Application Development (WT & AD)****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) CGI Stands for _____
 - 2) $\{2+2\}$ is $\{2+2\}$ will output _____
 - 3) HTML elements with no content are called _____ elements
 - 4) All filters must implement _____ interface
 - 5) Roll of web middle ware
 - 6) Concept of MVC
 - 7) Write major two aspects to securing Web Applications
- (b) 1) Write down six basic steps to implementing struts. **03**
- 2) Discuss types of CSS **04**
- Q.2** (a) 1) Explain Array in JavaScript with Example **03**
- 2) What is servlet package? Explain with example **04**
- (b) 1) What is client request? Explain getParameter method **03**
- 2) Discuss four main methods of HttpServletRequest. **04**
- OR**
- (b) What is SC? Discuss any five status code in brief **07**
- Q.3** (a) What is Cookie? Differentiate session cookie with persistent cookies **07**
- (b) What is sharing beans? Explain any one with example **07**
- OR**
- Q.3** (a) Write down step to generate JPEG Image in servlet **07**
- (b) Discuss the “classic” approach to invoking Java code from within JSP pages. **07**
 Explain any one with example
- Q.4** (a) 1) Write down step to handle all security programmatically **05**
- 2) What is Tag Files? **02**
- (b) Explain Prepared Statement with suitable example **07**
- OR**
- Q.4** (a) What is JSTL? Explain c:forEach and c:forEachTokens Tag with example **07**
- Q.4** (b) Write down standard steps for querying databases **07**
- Q.5** (a) 1) Discuss in brief : (1) Import Attribute (2) jsp:include **04**
- 2) Discuss various filer-mapping elements **03**
- (b) Develop a Servlet that takes the rollno from html file and displays the marksheet for that student in table format. (use data from database) **07**
- OR**
- Q.5** (a) Draw struts flow of control and explain it. **07**
- (b) Write a JavaScript to input two numbers and find out max. Put validation - **07**
 both value is not null.
