

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-IV • EXAMINATION – SUMMER 2017

Subject Code: 640002

Date: 01/06/2017

Subject Name: Web Technology & Application Development

Time: 10:30 am to 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) State TRUE or FALSE** **07**
- 1) The role of web.xml file is as Deployment Descriptor for a Java based web site.
 - 2) In JSTL, `<c:choose>` can be considered as optional to “if...else”.
 - 3) `<jsp:getProperty>` can't be used without using `<jsp:useBean>`.
 - 4) The default method which is called for a servlet is `doGet()` with only Request parameter.
 - 5) Output of `\${10+20}` will be `\${10+2}`.
 - 6) Callable Statements are used to call functions or procedures which are written on database side.
 - 7) There is no difference between `sendRedirect()` method of `HttpRequest` and `forward()` method of `RequestDispatcher` class.
- (b) What are implicit objects of JSP ? Explain briefly.** **07**
- Q.2 (a) What do you mean by Deployment Descriptor file ? Explain briefly with example.** **07**
- (b) What do you mean by Cookies ? Write a code snippet to store and load all cookies values in servlet.** **07**
- OR**
- (b) What are HTTP Response Headers ? Explain with example.** **07**
- Q.3 (a) Explain Arrays in Javascript with example.** **07**
- (b) Briefly explain `<jsp:useBean>`, `<jsp:getProperty>` and `<jsp:setProperty>`** **07**
- OR**
- Q.3 (a) Explain Functions in Javascript with example.** **07**
- (b) Briefly explain `<jsp:forward>` and `<jsp:include>`** **07**
- Q.4 (a) Briefly explain JSP life cycle.** **07**
- (b) Explain the difference between Statement and PreparedStatement in JDBC.** **07**
- OR**
- Q.4 (a) Briefly explain life cycle of Servlet.** **07**
- (b) What do you mean by ResultSet ? Explain different types of ResultSet with related methods.** **07**
- Q.5 (a) Briefly explain `<c:forEach>` and `<c:forTokens>` in JSTL.** **07**
- (b) Explain how session management is done in Servlet.** **07**
- OR**
- Q.5 (a) Briefly explain `<c:if>` and `<c:choose>` in JSTL.** **07**
- (b) What do you mean by JavaBeans ? Explain with example.** **07**
