

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. IST Semester–Remedial Examination – July- 2011

Subject code: 712302N

Subject Name: Advance Web Technology

Date: 08/07/2011

Time: 10:30 am – 01:00 pm

Total Marks: 70

Instructions:

- (i) Figure to RIGHT indicates FULL marks
- (ii) Assume data whenever and wherever necessary
- (iii) Use Standard Conventions for symbols be used in examples in text

- Q.1 Attempt Following 14**
- (i) Briefly explain the J2EE architecture along with the container functions
 - (ii) Briefly explain the Servlet Life Cycle.

- Q.2 (A) Write a Java Script function to dynamically create number of table in Html document. 05**
- (B) What is XMLHttpRequest Object?. How it is used to create AJAX based Application. 09**

OR

- (B) Explain the following. 09**
- 1) HttpSession
 - 2) JSP Directives
 - 3) JSP Actions.
 - 4) PageContext.

- Q.3 Attempt any TWO 14**
- (i) Explain the JSF architecture and show the JSP request processing.
 - (ii) Explain the Life cycle of JSP page.
 - (iii) Explain various Flow Control Tag from JSTL standard Tag Library.

- Q.4 (A) What is Java Persistent API? . Explain How an Object can be mapped to Relational Table In JPA? 07**
- (B) What is the difference between TagSupport and BodyTag Support class?. Explain with suitable example. 07**

OR

- Q.4 (A) What is RequestDispatcher Object how it is used to forward request to other JSP page or Servlet. 07**
- (B) Explain various ServletEvents and corresponding Listener classes. 07**

- Q.5 Attempt any Two 14**
- (i) What is the difference between ServletConfig and ServletContext object
 - (ii) List various implicit objects in JSP. Explain with example code fragment
 - (iii) Explain Servlet Collaboration with example.
 - (iv) Explain various SQL tags for JSP.
