Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – I • EXAMINATION – SUMMER • 2013

Sul	bject	code: 712302N Date: 04-06-2013	
	U	Name: Advance Web Technology 0.30 am – 01.00 pm Total Marks: 70	
Ins		tions: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Write a note on JSP life cycle. List and explain various J2EE containers.	07 07
Q.2	(a) (b)	What is external style sheet? How it can be linked with HTML page? Explain with suitable example. List implicit objects of JSP. Explain any two in detail	07 07
	(b)	OR What is õready state changeö in AJAX? Which are various ready states?	07
Q.3	(a) (b)	Discuss the concept of input validation in JSF with suitable example. List and explain various tags available in JSTL core library. OR	07 07
Q.3	(a) (b)	Write a note on JSF page life cycle. List and explain various tags available in JSTL SQL library.	07 07
Q.4	(a) (b)	What is deployment descriptor file? Explain some important tags of it. What is JSP tag extension? Explain steps involved in creating new tag. OR	07 07
Q.4	(a) (b)	Write and explain Servlet API hierarchy. Write a note on ORM (Object Relational Mapping)	07 07
Q.5	(a)	Write a program to create HTML form to accept one number. When user submits the form, a Servlet is called which checks whether submitted number is odd or even and shows appropriate message to user.	07
	(b)	Write a program to illustrate concept of <jsp:usebean> action. OR</jsp:usebean>	07
Q.5	(a)	Write a program to illustrate concept of <jsp:forward> & <jsp:include> actions.</jsp:include></jsp:forward>	07
	(b)	Write a program to create HTML form to accept user name and password. When user submits form, a Servlet is called which saves these details in cookie. And shows contents of created cookie.	07
