Seat No.:		Enrolment No.	Enrolment No	
	GUJARAT TECHNOLOGICAL UNIVERSITY			
		M.E –I <sup>st</sup> SEMESTER–EXAMINATION – JULY- 2012		
Subject code: 712302N Date: 07		ode: 712302N Date: 07/07/	//07/2012	
•		Name: Advance Web Technology		
Time: 2:30 pm – 05:00 pm Total M			s: 70	
Instr		•		
		empt all questions.		
		ke suitable assumptions wherever necessary.		
3.	Figu	res to the right indicate full marks.		
0.4				
Q.1	(a)	1 1 1	07	
	<b>(b)</b>	Write a note on J2EE architecture.	07	
Q.2	(a)	What is Java Bean class? Explain the use of java bean in JSP with	07	
		example.		
	<b>(b)</b>	Write and explain various form controls (button, textbox, dropdown etc.) in HTML.	07	
	<b>a</b> >	OR	0=	
	<b>(b)</b>	Write and explain Servlet API hierarchy with various classes/interfaces involved in it. Also explain Servlet life cycle.	07	
Q.3	(a)	Enlist various methods available for session/state management using	07	
		Servlet. Explain any one of them with suitable example.		
	<b>(b)</b>		<b>07</b>	
0.2	( )	OR	0=	
Q.3	(a) (b)	Give differences between HttpCookie and HttpSession. Enlist various directives in JSP. Explain one of them with suitable example.	07 07	
Q.4	(a)	What is custom tag in JSP? Explain this concept with suitable example.	07	
Ų.Ŧ	` '	Write and explain JSF architecture.	07	
	(0)	OR	07	
Q.4	(a)		07	
	<b>(b)</b>	library. Write a note on Java persistent API.	07	
	(D)	write a note on sava persistent At 1.	U1	
Q.5	(a)	following client side validations.	07	
		<ul> <li>Both fields are must</li> <li>Password length must be &gt; 6</li> </ul>		
	<b>(b)</b>		07	
	(0)	OR	U/	
Q.5	(a)	Write a program to illustrate the concept of Frames in HTML.	07	
-	<b>(b)</b>	Write a program to create HTML form which takes one number as input.	07	

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number.

When form is submitted to JSP, the jsp should show the square of entered