GUJARAT TECHNOLOGICAL UNIVERSITY ME – SEMESTER-1 (OLD) EXAMINATION – WINTER 2016

	•	ect Code: 712302N Date: 18/11/2016 ect Name: Advance Web Technology	
	Time Instruc	2:10:30 Am to 1:00 PmTotal Marks: 70ations:1. Attempt all questions.	
		 Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q:1	(A)	Draw and explain J2EE architecture.	07
0.2	(\mathbf{B})	Explain lifecycle of servlet. Which are various methods to menage sessions? Explain any one in brief	07 07
Q:2	(A) (B)	Which are various methods to manage sessions? Explain any one in brief. What is the use of ServletContext object and ServletConfig object? OR	07 07
	(B)	How session tracking can be done by cookies in Servlet?	07
Q:3	(A)	Which methods need to be used and what line of code should be written to display welcome message through a simple web application.	07
	(B)	Write and explain JSF architecture. OR	07
Q:3	(A)	What is XMLHttpRequest Object? How it is used to create AJAX based Application	07
	(B)	Create HTML page to enter username and password. Also provide following client side validation.	07
~ .		- Username must contain @ character	~-
Q:4	(A)	What is external style sheet? How it can be linked with HTML page? Explain with suitable example.	07
	(B)	Write Java script program for displaying the table of any 10 country name which are to be input from HTML form.	07
		OR	
Q:4	(A)	Explain various Core tags in JSTL library. Develop a web application to demonstrate the use of the core tag library.	07
	(B)	What is deployment descriptor file? Explain some important tags of it.	07
Q:5	(A)	Write a note on Hibernate Architecture using ORM.	
	(B)	Write a note on AJAX.	07
Q:5	(A)	OR What is the JSP Expression Language? Give sample examples of JSP-EL with correct	
~ ~~	(11)	syntax in JSP page.	
	(B)	Explain:	07
		 (i) Servlet Collaboration (ii) Classic Tag Handler & its life cycle. 	