Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER - VII • EXAMINATION - WINTER 2012

Subj	ect c	code: 170703 Date: 01/01/2013	
-	e: 10	Name: Advance Java Technology .30 am - 01.00 pm Total Marks: 70	
msut	1. 2.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Explain the need of MVC architecture. Write swing code to create toggle button and checkbox and handle their click event. Differentiate between toggle button and check box.	07
	(b)		07
Q.2	(a)	Write a TCP or UDP client and server program to do the following:	07
		client> java client localhost/IP Port <enter> Enter text: This is my text to be changed by the SERVER <enter> Response from server: revres EHT YB DEGNAHC EB OT TXET YM SI SIHt client> exit</enter></enter>	
	(b)	Write RMI client/server implementation to read content of the file on server at client. Filename is passed by the client to server.	07
Q.3	(a)	Enlist and explain need of JNDI with diagram. Explain J2EE architecture with diagram.	07
	(b)	Explain Object serialization and how it can be done in java. OR	07
Q.3	(a) (b)	Enlist and explain the need of filters with a program.	07 07
Q.4	(a) (b)		07 07
Q.4 Q.4	(a) (b)	Explain event handling in Java Servlet with example(s).	07 07
Q.5	(a) (b)	Write a note on hibernate.	07 07
Q.5	(a)	OR Write a JSTL program to parse & display text of XML file.	07
V.	(a) (b)		07