Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII EXAMINATION - WINTER 2015

Su	bject	Code: 170703 Date: 09/12/2015	
Tiı	me: 1	Name: Advance Java Technology 10:30am to 1:00pm Total Marks: 70	
Inst	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Explain MVC and Hibernate Architecture What is pluggable look and feel? How do you set the look and feel of the components?	07 07
Q.2	(a) (b)	Explain RMI architecture and also explain stub and skeleton What is JDBC driver? What is its role? List the types of drivers and explain Working of type -3 and type-4 driver	07 07
	(b)	OR Explain serialization of objects. Why do you need it? Explain SQL tag library	07
Q.3	(a)	Explain architecture of J2EE. List out java technologies supported by J2EE along with their applications	07
	(b)	Explain Prepared statements with suitable example OR	07
Q.3	(a) (b)	Enlist and explain need of JNDI with diagram Explain JSP tag library with examples.	
Q.4	(a)	Give the characteristics of the HTTP protocol and explain the GET, HEAD and PUT methods of the HTTP protocol.	07
	(b)	Explain the action tags used to access the JavaBeans from a JSP page with example	07
Q.4	(a) (b)	OR Explain transaction handling using JSTL Compare the AWT and Swing and List and explain various swing layouts and components with examples	07 07
Q.5	(a)	Differentiate: Java Bean and basic java class and Explain Java Bean Architecture and Show the use of JSP inbuilt objects: request and response,	07
	(b)	with their use in application What are cookies and sessions? How can you use them in Java EE? Compare them	07
0.5	(5)	OR Develop any Complet application which demonstrates was of assign	07
Q.5	(a)	Develop any Servlet application which demonstrates use of session management Exploin Servlet life evels & importance of context chiest	07
	(b)	Explain Servlet life cycle & importance of context object.	07
