Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **BE - SEMESTER-VII EXAMINATION - SUMMER 2016**

	-	t Code:170703 Date:10/05/201	16
Ti	me:02 truction 1. 2.	<ul><li>Attempt all questions.</li><li>Make suitable assumptions wherever necessary.</li></ul>	70
Q.1	(a) (b)	Write a note on J2EE architecture. Which basic java package is used to interact with database? List and explain some commonly used classes of this package.	07 07
Q.2	(a) (b)	Draw RMI reference architecture and explain various components of it.  Draw and explain JSP page life cycle  OR	07 07
	<b>(b)</b>	Draw and explain Servlet life cycle	07
Q.3	(a) (b)	Give differences between  1. Applet versus Swing  2. Socket class versus ServerSocket class  Write sample deployment descriptor file (web.xml). Explain various configuration parameters of it.  OR	07
Q.3	(a) (b)	Write a short note on MVC architecture. Explain the concept of Servlet context.	07 07
Q.4	(a) (b)	Enlist and explain usage of various implicit JSP objects. Write a note on Hibernate technology.  OR	07 07
Q.4	(a) (b)	Explain usage of JSP Page directive with various attributes of it. Explain the concept of object Serialization.	07 07
Q.5	(a) (b)	Write Servlet program to display "Hello world" on screen. Write JDBC program to display contents of tbl_student on screen.  OR	07 07
Q.5	(a) (b)	Write a program to reate HTML form with one text box to enter number in it. When page is submitted to JSP, it should print entered number is odd or even. Write a program to create swing based form for user registration.	07

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