GUJARAT TECHNOLOGICAL UNIVERSITY MCA - SEMESTER- III • EXAMINATION – SUMMER 2017

Subject Code: 3630009Date: 09/06/2Subject Name: Procedure Programming in SQLTime:02:30 pm - 05:00 pmTotal Marks:Instructions:Total Marks:			7
			70
 Attempt all questions. Make suitable assumptions wherever necessary. Write SYNTAX wherever necessary. 			
Q.1	(a) (b)	Explain the PL/SQL block structure. What are the advantages of PL/SQL? What is a database lock? Explain the type of lock with example.	07 07
Q.2	(a)	List the special data types of PL/SQL and explain with example. (%TYPE & %ROWTYPE)	07
	(b)	What is cursor? Explain Implicit cursor attributes. OR	07
	(b)	What is difference between implicit and explicit cursor? Explain parameterized cursor	07
Q.3	(a) (b)	Why trigger are used and explain trigger qualifier. Explain function with example in details. What are difference between function and procedure?	07 07
		OR	
Q.3	(a) (b)	Explain procedure with example. What are the advantages of using procedure? Explain Decode, Rollback, Save Point with example	07 07
Q.4	(a) (b)	What are database triggers and Explain types of triggers? What is an exception? Explain with example. How is an exception raised and handled.	07 07
		OR	
Q.4	(a) (b)	Explain View and Materialized view with example. Explain the Package Specification and Package body with example	07 07
Q.5	(a) (b)	What is index? How many types of index explain one of them? Explain sequence with example.	07 07
Q.5	(a) (b)	OR Explain if condition, For loop, While loop and go to statement. Explain Variable array with example	07 07
