



RC-3732

Second Year B. C. A. (Sem. III) Examination

March / April - 2017

303 : Relational Database Management System

Time : 3 Hours]

[Total Marks : 70

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. :	
Name of the Examination :			
SECOND YEAR B. C. A. (SEM. 3)			
Name of the Subject :			
303 : RELATIONAL DATABASE MANAGEMENT SYSTEM			
Subject Code No. : 3 7 3 2		Section No. (1, 2.....) : NIL	
		Student's Signature	

1 Answer the following : (any seven) 14

- (1) What is meaning of :New and :Old in trigger ?
- (2) Define self join.
- (3) What difference is between truncate and drop table ?
- (4) State the difference between function and procedure in oracle.
- (5) Give the definition of Active Data Set.
- (6) Write the difference between unique constraint and primary constraint.
- (7) What do you mean by save point ? How to createSave point ?
- (8) How to create two procedures having same name ?

2 Answer the following : (any two) 14

- (1) List out E.F.T. codd's rule. Explain any four in detail.
- (2) What is Exception ? Explain types of exception handling in oracle. Give one example.
- (3) Write a note on implicit and explicit cursor with example.

3 Answer the following : (any **two**) **14**

- (1) What is view ? Explain types of view.
- (2) What is Data Constraints ? List out all types of constraint. Explain foreign key constraint with ON DELETE SET NULL.
- (3) Discuss types of join.

4 Write notes on the following : (any **three**) **18**

- (1) Architecture of PL/SQL
- (2) Any four date functions
- (3) Trigger
- (4) Sequence

5 Consider the following table and do as directed : (any **two**) **10**

Employee (Empno, Emp-name, Date-Of-Birth,Address,City)

Salary (Emp-no, Basic, DA, HRA, Tax, Gross, NET)

- (1) Create a procedure which calculate gross and Net Salary after incrementing basic salary by 11% given emp-no.
- (2) Create a function which return name of employee who is youngest when empno is passed.
- (3) Create a trigger which removes records of those employees who cross their 45 years of age.