



**SB-1467**

**Second Year B. C. A. (Sem. IV) Examination**

**March / April – 2011**

**403 : RDBMS**

*(Old Course)*

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. B. C. A. (Sem. 4)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="403 : RDBMS (Old)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="6"/> <input type="text" value="7"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
	Student's Signature

(2) Question 1 is compulsory.

(3) Figures to the right indicate full marks.

- 1 (a) What is LOGIN-DENIED and VALUE-ERROR exception handlers is raised ? 14
- (b) What are the independent objects of oracle ?
- (c) What is Active Data Set ?
- (d) What is DCL ? What is the function of DCL ?
- (e) What is ON DELETE CASCADE ?
- (f) How to drop primary key in a table ?
- (g) How to modify a column size in a table which is created before ?
- 2 Answer following : (any two) 14
- (a) Explain the concept of DBA and discuss the duties of DBA.
- (b) What is Data constraints ? List out all types of constraints.
- (c) What is range searching and pattern matching operators in Oracle ?

- 3** Answer following : (any two) **14**
- (a) What is PL/SQL ? Discuss the advantages of PL/SQL in compare to SQL.
  - (b) Describe the concept of cursors. Explain the types of cursors.
  - (c) What are the different types of tables ? Explain the process of creating nested table.
- 4** Answer following : (any two) **14**
- (a) Explain the concept of functions and procedures.
  - (b) Discuss the concept of exception. Explain the named exception in detail.
  - (c) Describe the concepts of package. Explain the object-oriented features of PL/SQL.
- 5** Answer following : (any two) **14**
- (a) Consider following table :  
Employee (Eno, Ename, Date-of-birth, Salary)  
Write a procedure to display names of employees who are earning less than 20,000 and born before 30 years.
  - (b) Create a trigger which log the transaction perform on above table and store detail in log-table.  
log table (log-no, log-date, transaction-type)
  - (c) Create a function which return name of employee who is youngest among all from above table (Refer (b)).
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