



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)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. B. C. A. (Sem. 4)</p> <p>Name of the Subject : 403 : RDBMS (Old)</p> <p>Subject Code No. : 1 4 6 7 Section No. (1, 2,...): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 60px; margin-top: 10px; display: flex; align-items: center; justify-content: center;">Student's Signature</div>
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- (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 ?
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- 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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