



SB-1442

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

March / April – 2011

Relational Database Management System :

Paper - 302

(New 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. 3)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Relational Database Management System - 302 (New)"/>	<input type="text" value="Student's Signature"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="4"/> <input type="text" value="2"/>	
Section No. (1, 2,.....): <input type="text" value="Nil"/>	

(2) Numbers indicated at the right side of question indicate marks.

1 Answer the following in short : (any five) 10

- What are the components of physical database structure of Oracle database ?
- What is schema ?
- Is it possible to create a view from another view ?
If yes, then how ?
- What is relationship among Database, Tablespace and Data file ?
- What is functionality of Rollback statement ?
- What is difference between unique constraint and primary constraint ?
- What is syntax for Sql *Loader ?

2 Answer the followings : (any two) 14

- Explain the architecture of PL/SQL. Discuss various control structures of PL/SQL.
- How RDBMS differ from DBMS ? Describe the data types and important inbuilt functions of SQL.
- Explain the working of SQL *Import and SQL *Export utilities.

- 3** Answer the followings : (any two) **14**
- (a) How cursor for loop and cursor for update works ? Provide appropriate example to explain this.
 - (b) What is Cursor ? Explain difference between explicit and implicit cursors.
 - (c) What is Package ? How a package is created ?
- 4** Answer the followings : (any four) **20**
- (a) What is nested table ? How to create nested tables ?
 - (b) What is cursor For Loop ? How cursor for UPDATE is used ?
 - (c) What is exception ? How exceptions are handled ? Explain the difference between user defined and system defined Exceptions.
 - (d) Explain PL/SQL sub programs. Discuss the difference between functions and procedures.
 - (e) What is trigger ? How trigger executes ? How to disable triggers ?
 - (f) Explain the Sql * Import utility.
- 5** Answer the followings : (any four) **12**
- (a) List out cursor Attributes and their usage.
 - (b) Write syntax to create a sequence and explain the keywords.
 - (c) What is view ? How to create views ?
 - (d) How to create a table from already existing table ? Give appropriate example.
 - (e) What is difference between Grant and Revoke commands ?
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