



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)

ନିચିେ ଦର୍ଶାବିକ୍ତ ନିଶାନ୍ତୀବାଣୀ ବିଗତୋ ଉତ୍ତରବଢ଼ି ପର ଅବଶ୍ୟ କର୍ତ୍ତବ୍ୟ।
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 3)

Name of the Subject :
Relational Database Management System - 302 (New)

Subject Code No. : **1 4 4 2** Section No. (1, 2,.....) : **Nil**

Seat No. :

Student's Signature

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

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

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

2 Answer the followings : (any two) 14

- (a) Explain the architecture of PL/SQL. Discuss various control structures of PL/SQL.
- (b) How RDBMS differ from DBMS ? Describe the data types and important inbuilt functions of SQL.
- (c) 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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