



G-3732

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

November / December - 2014

Relational Database Management System

Time : 3 Hours]

[Total Marks : 70

Instruction :

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :

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

Name of the Subject :

Relational Database Management System

Subject Code No. : **3 7 3 2** Section No. (1, 2.....) : **NIL**

Seat No. :

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Student's Signature

(2) Marks are indicated to the right side of each question.

- 1 Answer following in short : (any seven) 14
- (i) What is self join ?
- (ii) What is nested table ?
- (iii) What is difference between Grant and Revoke ?
- (iv) Explain minus and union clause.
- (v) Write syntax of Nested If conditionial statement.
- (vi) What is equi join ?
- (vii) List out DML statements.
- (viii) Explain types of keys.
- 2 Answer following in detail: (any two) 14
- (a) Explain Cursor for loop. Discuss cursor handling steps.
- (b) Discuss cursor attributes.
- (c) Explain exception handling providing appropriate example.
- 3 Answer following : (any two) 14
- (a) Explain types of SQL statements with appropriate example.
- (b) Explain different aggregate functions.
- (c) Discuss types of joins. Provide their examples and explain.

4 Write note on following : (any **three**)

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- (a) Codd's law. Explain any **three** of them.
- (b) What is package ?
- (c) Control structures in PL/SQL.
- (d) Oracle Functions

5 Do as directed : (any **two**)

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Consider following tables

Distributor (dno, dname, addr, phone)

Item (INo, name, color)

Dist-Item (dno, INo, Qty)

- (a) Create a procedure which return **name** of Item which is sold maximum.
- (b) Create a function which display **name** of Item (return name of item) for given distributor.
- (c) Write PL/SQL block to display Distributor name, Item name and Qty. sold.