



UA-3732

Second Year B. C. A. (Sem. III) Examination  
March/April – 2012

302 : Relational Database Management System

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशावलि निशानीवाणी विगतो उत्तरवडी पर अवश्य दभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="Second Year B. C. A. (Sem. 3)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="302 : Relational Database Management System"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="2"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	<input type="text"/>
	Student's Signature

(2) All questions are **compulsory**.

(3) Marks are indicated at the **right** side of each questions.

1 Answer following : (any **seven**) 14

- What is the difference between Delete Table and Truncate Table ?
- What is an index ? What are the types of Index ?
- How to create view ?
- Is it possible to declare an attribute having number datatype and its scale is larger than precision ? Give appropriate example.
- What is difference between DML and DCL statement ?
- Which properties of sequence can be modified, if it is possible ?
- Is it possible to create two procedure having same name ? How ?
- What is difference between exception and error ?

2 Answer following : (any **three**) 15

- Explain the concept of Triggers.
- What is difference between function and procedure ?
- Describe the concept of package. How to create a package and what are the benefits ?

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[Contd...

- (d) What is stored procedure ? Why it is called stored procedure ?
- (e) How to create sequence, views and index ?
- 3** Answer following : (any **three**) **21**
- (a) Discuss the concept of PL/SQL and explain block - diagram of PL/SQL.
- (b) Explain types of cursors. Also discuss Attributes of cursors.
- (c) Explain control structures and datatypes available in PL/SQL.
- (d) What is exception ? How exceptions are handled and why ?
- (e) What is nested table ? Explain the concept of commit and Roll-back.
- 4** Answer following : (any **three**) **09**
- (a) What is advantage and disadvantage of cursor ?
- (b) What is difference between Physical and Logical data Independence ?
- (c) What is constraint ? Explain various types of constraints.
- (d) What is difference between DML, DDL and DCL statement ?
- (e) What is difference between view and table ?
- 5** Write code for following :
- (a) Create following tables : **3**  
 Employee (Emp-no, Emp-name, date-of birth, address, city)  
 Salary (Emp-no, basic, DA, HRA, Tax, Gross, NET).
- (b) Create a procedure which calculate gross and Net Salary after incrementing Basic Salary by 3% for given emp-no. **4**
- OR**
- (b) Create a function which return name of employee who is youngest. **4**
- (c) Create a trigger which remove records of those employees who cross their 60 years of age. **4**