



A-3732

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

March / April – 2015

Relational Database Management System

Time : Hours]

[Total Marks :

Instruction :

(1)

नीचे दशावलि निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. 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"/>	<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) Marks are indicated to the **right** side of each question.

- 1 Answer following : (any **seven**) 14
- (a) What is meaning of : New and : Old in trigger ?
 - (b) Explain Union and Intersect clauses.
 - (c) Write any five string related functions.
 - (d) What is difference between truncate and drop the table ?
 - (e) What is difference between Primary and Unique key ?
 - (f) Explain Minus clause.
 - (g) Write any four Date related functions.
 - (h) Name the functions related to Mathematical work. Any four.
- 2 Answer following : (any **two**) 14
- (a) Write features of RDBMS. What is Codd's Rule ? Explain Physical and Logical Independence.
 - (b) Explain PL/SQL Architecture. Discuss various PL/SQL control structures.
 - (c) Explain Cursor Attributes with appropriate example.
- 3 Answer following : (any **two**) 14
- (a) What is Package ? How a Package is created ?
 - (b) Explain concept of stored procedures.
 - (c) Discuss cursors and their advantages.

- 4 Write note on following : (any **three**) **18**
- (a) Types of keys and joins
 - (b) Database triggers
 - (c) PL / SQL Data types
 - (d) PL/SQL control structures.
- 5 Do as directed : (any **two**) **10**
- Consider Following Tables :
- Emp (empno, ename, salary, dept_no)
- Dept (Dept_no, dept_name)
- (a) Write a PL/SQL Block which Display Name of Dept, Name of employee who is earning highest salary for that department.
 - (b) Create a function which return name of department when employee number is passed.
 - (c) Create a trigger which maintain log table and store any action performed on Emp table.
log (log_no, action, date, time)
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