

**A-3732**

**Second Year B. C. A. (Sem. III) Examination**  
**March / April - 2015**  
**Relational Database Management System**

Time : Hours]

[Total Marks :

**Instruction :**

(1)

नीचे दशांशिक निम्नानुवाची विगतो कतरवही पर अवश्य लખवी.  
Fillup strictly the details of signs on your answer book.

Seat No. :

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

Name of the Subject : **Relational Database Management System**

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

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.

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[Contd...

- (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)