



R-1883
Second Year B.C.A. (Sem. IV) Examination
March / April – 2007
403 - RDBMS

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांशक निशानोंवाली विगतो उत्तरपत्री पर अवश्य लपकी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S.Y. B.C.A. (Sem. 4)

Name of the Subject :
403 - RDBMS

Subject Code No. : 1 8 8 3 Section No. (1, 2,.....) : NIL

Seat No. :
0 0 0 2 2 3

Desai S.R.
Student's Signature

- (2) Question 1 is compulsory.
(3) Figures to right indicate full marks.

1 Answer in Short :

10

- (1) What is explicit cursor ?
- (2) Write down the command to give SELECT and UPDATE privilege to table emp to user vns gul.
- (3) What is the function of prior () attribute ?
- (4) What is schema ?
- (5) What is database trigger ? Can we invoke explicitly ?
- (6) What is table space.
- (7) List out independent objects in RDBMS.
- (8) List out the three restrictions on updatable view.
- (9) What is old pseudo row used for in trigger ?
- (10) List out the methods for end a transaction in oracle.

2 Do as directed :

15

- (a) What is DBA ? Discuss the basic duties of DBA. 5
- (b) What are the range searching and pattern matching operators in oracle ? Explain with syntax and suitable example. 5

- (c) Write a PL/SQL code block that will accept an employee number from the user and deduct a salary by Rs. 2000 from the inputted employee if the employee has a salary less than 1000 after salary is deducted then display user defined message "SALARY LESS THEN 1000".
The process is to be fired on the emp table.
(Table emp : (empno, name, salary))

OR

- 2 Do as directed : 15
- (a) Define term RDBMS. List out codd's laws which is followed by RDBMS. Explain any three in detail. 5
- (b) What is concurrency control ? Explain Explicit e' concurrency control in detail with example. 5
- (c) In itemmaster table there is itemno which is a concatenation of the month and the number generated by sequence. 5

For e.g itemno 01005 is generated with 01 is month and 005 is sequence generated.

Insert the values in the itemno coloumn of itemmaster using sequence.

- 3 Do as directed : 15
- (a) Explain nested tables with example. 5
- OR
- (a) What is Granting and Revoking ? Write down the syntax for GRANT & REVOKE. Also write appropriate command to give permission to user VNSGU2 to update and insert records from emp table original owner of table emp is VNSGU1. 5
- (b) Consider emp table and solve following query : 5
- (i) Display name and year and day of joining in words.
- (ii) Find out the employee whose name is exactly of five digit and their name starts with "N" and end with "N".
- (iii) Calculate annual salary of all employees and add Rs 5000 as commission.