



EN-3732

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

October / November - 2016

Paper - 303 : Relational Database Management System

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशवले निशान्नीवाणी विगतो उत्तरवडी पर अवश्य कपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
SECOND YEAR B. C. A. (SEM. 3)

Name of the Subject :  
303 : RELATIONAL DATABASE MANAGEMENT SYSTEM

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

Seat No. : [ ] [ ] [ ] [ ] [ ] [ ]

Student's Signature

1 Answer the following : (any seven) 14

- (1) Difference between exception and error.
- (2) Define dual table.
- (3) What is the difference between like and in ?
- (4) Explain %type data type.
- (5) Explain minus clause.
- (6) Create a sequence which will generate only odd negative numbers in cycle from 1000 to 0.
- (7) Define subquery with syntax.
- (8) What is the functionality of Rowid.

2 Answer the following : (any two) 14

- (1) List out Codd's rule. Explain any four in detail.
- (2) Discuss trigger and its types.
- (3) What is Grant and Revoke ? Write own the syntax for Grant and Revoke. Also give proper example.

3 Answer the following : (any two) 14

- (1) Discuss DML commands.
- (2) Explain I/O constraints in brief.
- (3) Write a note on Implicit and Explicit cursor.

4 Write notes on the following : (any three) 18

- (1) PL/SQL block structure
- (2) Any five mathematical function
- (3) Index
- (4) Any three conversion functions.

5 Do as directed : (any two) 10

Emp(Empno, Ename, Salary, Dept-no)

Dept(Dept-no, Dept-name)

- (1) Write a PL/SQL Block which displays Name of Dept, Name of Employee who is earning highest salary from that department.
- (2) Create a function which return name of department when employee number is passed.
- (3) Create a trigger which maintain log table and store any action performed on Emp table.  
log(log-no, action, date, time)