RAN-3538

S.Y.B.C.A. (Sem-lll) Examination

March / April - 2019

Paper-303: Relational Database Management System (NEW)

Time: 3 Hours]   **[Total Marks: 70**

સૂચના : / Instructions

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of ☛ signs on your answer book

Name of the Examination:

☛ **S.Y.B.C.A. (Sem-III)**

Name of the Subject :

☛ **Relational Database Management System (NEW)**

Subject Code No.: | 3 | 5 | 3 | 8 |

Seat No.:

Student's Signature

Q.l   **Answer the following (any seven)**   **14**

1. Difference between CYCLE and NO CYCLE option in sequence.

2. Define equi join.

3. What is the difference between NO DATA FOUND and % NOT FOUND.

4. State the difference between function and procedure in oracle.

5. Explain intersect clause.

6. Write a command to give insert and modify privileges on emp from user Raj to user Anand.

7. Define view with syntax.

8. What is the functionality of Rollback statement

Q.2   **Answer the following: (any two)**   **14**

1. List out Codds rule? Explain any four in detail

2. Discuss PL/SQL block structure

3. What is cursor? Explain types of cursor with example.

RAN-3538]   [1]   **[P.T.O.]**

Q.3 **Answer the following: (any two)** **14**

1. Write a PL/SQL code for automatic primary key generation using database trigger.

2. Define overloading. Explain procedure overloading in oracle with proper example.

3. Explain exception handling in Oracle

Q.4 **Write a note on the following: (any three)** **18**

1. Range searching and pattern matching operator

2. Aggregate functions

3. Sub-query

4. Index

Q.5 **Do as directed (any two)** **10**

Train(Train-no,Train-name)

Station(Station-code,Station-name)

Halt(Halt-code,Seq-no,Train-no,Station-no,Time-in,Time-out)

(Halt-code,Seq-no are composite key)

1. Create a procedure which return Time-in and Time-out for given Train-no and Station-name.

2. Create a function which return name of train which stops at maximum stations.

3. Create a trigger which delete all related records from other tables when any record is deleted from train table.

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