



**HB-3537**

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

**March / April - 2018**

**303 : Relational Database Management System**

**Time : 3 Hours]**

**[Total Marks : 70**

**Instruction :**

नीचे दस्तावेज में निम्नानुसार विगतों उत्तरपत्री पर अवश्य दखनी.  
 Fillup strictly the details of signs on your answer book.

Name of the Examination :  
**Second Year B. C. A. (Sem. III)**

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

Subject Code No. : **3 5 3 7** Section No. (1, 2,.....) : **Nil**

Seat No. : 

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Student's Signature

**1 Answer the following : (Any Seven) 14**

- (1) When does LOGIN\_DENIED and VALUE\_ERROR exception raised?
- (2) How to drop primary key in a table?
- (3) Differentiate Rowid and % row type.
- (4) Scott has the permission to view records from the table Emp\_Mast. How to revoke, the permission if John is the original owner of the table?
- (5) What is meaning of "On Delete Cascade" in foreign key?
- (6) Is it possible to create two procedures having same name? How?
- (7) What is dual table?
- (8) Write DML statements.

**2 Answer the following : (Any Two) 14**

- (1) List out E.F.T.Codd's rule? Explain any four in detail
- (2) What is Exception? Explain types of Exception handling in Oracle. Give one example.
- (3) What is cursor? Explain types of Cursors.

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**[Contd....**

- 3 Answer the following : (Any Two) 14
- (1) What is view? Explain types of view.
  - (2) Define sequence. In Item\_master table there is Item\_no which is a concatenation of the month and number generated by sequence SEQNO1. For e.g. item\_no 01005 is generated with 01 is month and 005 is sequence generated. Insert the values in the Item\_no column of Item\_master using sequence.
  - (3) Discuss types of join.
- 4 Write notes on the following : (Any Three) 18
- (1) Architecture of PL/SQL
  - (2) Any five date and string related in-built functions
  - (3) Exception Handling.
  - (4) Package
- 5 Consider the following table and do as directed : 10  
(Any Two)
- Doctor (D-id, D\_name, D-add, D\_phone)  
Patient (P\_id, P\_name, P\_add, P\_phone)  
Medicine (M\_id, M\_name, amount, Exp\_date)  
Bill (B-id,P\_id,M\_id,D\_id,Bill\_amt)
- (1) Write a query for the following:
    - (a) Find out the patient's name who has taken a treatment under D\_id is 'D501'
    - (b) Find out patient who has paid Maximum Bill amount.
    - (c) Find out patient name of each doctor.
  - (2) Create a function that accept P\_id and return name of doctor under whom a patient has taken a treatment.
  - (3) Create a procedure that accepts B\_id and return P\_name, P\_add, D\_name, D\_phone and Bill\_amt details.