



**DF-3732**

**Second Year B. C. A. (Sem. III) (CBCS) Examination**  
**March / April - 2016**  
**Relational Database Management System**

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

नीचे दशांशविक निशानीवाणी विषयों उत्तरवही पर अवश्य लक्षणी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
Second Year B. C. A. (Sem. III) (CBCS)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Relational Database Management System	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="2"/>	Section No. (1, 2,.....) <input type="text" value="NIL"/>
	Student's Signature

**Q-1 Answer the following in short (any seven) 14**

1. What is the difference between unique and primary key constraint?
2. How to drop primary key in a table.
3. What is difference between CYCLE and NO CYCLE option in sequence?
4. What is active data set?
5. Write and explain syntax for creating function in pl/sql.
6. Give difference between NO DATA FOUND and %NOTFOUND.
7. Explain intersect clause.
8. What is a cursor? Give its types.

**Q-2 Answer following in detail (any two) 14**

- (A) Define the term RDBMS. List out Codd's law. Explain any three in detail.
- (B) What is exception? Explain types of exception handling in oracle give one example.
- (C) What is DATA CONSTRAINTS? List out types of constraints. Explain primary key and Foreign Key constraints providing their syntax and meaning of ON DELETE CASCADE.

**Q-3 Answer following in detail (any two) 14**

- (A) What is package? How a package is created? Why package is useful? Also discuss the components of package.
- (B) Discuss cursor attributes. Explain the use of each attributes providing appropriate example.
- (C) What is view? Explain types of view.

**Q-4 Write a detailed note on (any three) 18**

- (A) Sequence
- (B) Any four Aggregate Functions
- (C) SQL Joins and its types.
- (D) Database Triggers

**Q-5 Do as directed (Any two) 10**

- (A) Consider table EMP (empno, ename, salary)

Write, PL-SQL Code block that:

Update the salaries of REKHA and RAMESH by Rs 2500 and 2000 respectively.

If average salary >12000 then undo the updates made to salaries.

- (B) Write a PL/SQL code block that will accept customer number from the user and deduct a balance by Rs. 1000 from inputted customer no account in bank only if customer has a minimum balance of Rs. 500 after amount is deducted, otherwise display message "NOT ENOUGH BALANCE". Use appropriate table with constraints.
  - (C) Create a trigger that will maintain log of transaction on ACT\_MST table, when insert, update, delete takes place make entry in log table. (ac\_no, trans\_date, trans\_type)
-