# MK-3732
## Second Year B. C. A. (Sem. III) (CBCS) Examination
October / November – 2015
## RDBMS

Time : 3 Hours]                                          [Total Marks : 70

Instruction :

**1 Answer the followings in short (any seven)        14**

1. What is difference between error and exception?
2. How can we drop primary key in a table?
3. Differentiate DELETE and TRUNCATE.
4. What is the meaning of :new and :old in trigger?
5. Write syntax of creating procedure.
6. What is major difference between RDBMS and DBMS?
7. Explain union clause.
8. What is difference between function and procedure in oracle?

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

(A) What is Exception? Explain the application raise exception with appropriate example.
(B) What are joins? Explain types of joins.
(C) What is a sequence? Write down syntax of sequence. Also write its advantages.

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

- (A)  Define trigger. Explain types of triggers. Give one example of trigger.
- (B)  List out codd's law. Explain any two in detail.
- (C)  What is overloading? Explain procedure overloading in oracle with proper example.

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

- (A)  Any four Date functions
- (B)  Package
- (C)  Cursor
- (D)  Architecture of PL/SQL.

**5   Consider following tables and do as directed (Any 2)    10**

Employee (Emp_no, Emp_name, dob, address,salary)
Dept (Dept-no, Dept_name, Location)

- (A)  Write a function that takes dept_name as argument and returns the employee name getting highest salary in the department.

- (B)  Write a trigger that will not allow to change emp table data.After office hour i.e from Monday to Saturday (From 9:00 am  to 9:00 pm). There is no restriction on viewing the data.

- (C)  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.