AAF-602   Seat No. 1367

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

October / November - 2016

BCA - 302 : Advance Database Management System

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

1   [A]   Do as directed :   **6**
   (1)   What is Host String in SQL Login Window ?
   (2)   Difference between Grant and WITH Grant option.
   (3)   Select RPAD (rtrim(ltrim('computer','com'),'er'),4,'*')
   (4)   Which constraint use only at column level ?
   (5)   List out TCL Command
   (6)   Difference between delete and drop.

   [B]   Give answer in brief : (Any Two)   **12**
   (1)   Explain DDL Command with example.
   (2)   Explain set operator with example.
   (3)   Explain any six string functions with example.

2   [A]   Do as directed :   **5**
   (1)   Differences: SQL Vs PLSQL
   (2)   What is cursor ?
   (3)   Write down use of %ISNOTFOUND.
   (4)   List out types of index.
   (5)   What is error Exception handling ?

[B] Give answer in brief : (Any Two)   12
  (1) What is view ? Explain types of view with example.
  (2) Explain function and procedure.
  (3) What is Trigger ? Explain in brief.

3 [A] Do as directed :   6
  (1) What is datamart ?
  (2) Differences: OLAP Vs OLTP.
  (3) What is Cypher text ?

  [B] Give answer in brief :(Any Two)   12
  (1) Explain architecture of Data warehouse.
  (2) Explain datamining in detail.
  (3) Explain Encryption with example.

4 [A] Do as directed :   5
  (1) Differences: Hard crash Vs soft crash
  (2) Stands for: ACID
  (3) What is serializability ?
  (4) What is system recovery ?
  (5) Define: deadlock with example.

  [B] Give answer in brief : (Any Two)   12
  (1) Explain twelve objective of distributed database.
  (2) What is locking ? Explain types of locking.
  (3) Explain Concurrency problem in detail.