LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – **COMPUTER APPLICATIONS**

FOURTH SEMESTER – **APRIL 2016**

CA 4959 - DATABASE ADMINISTRATION

Date: 25-04-2016
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part A

Answer ALL Questions   **10 x 2 = 20**

1. How is Oracle 10g's GDK feature helpful?
2. What is DBCA?
3. What are the entities of a Database?
4. Define 'Object-level privilege'.
5. What is an Outer join?
6. What is a 'Logic Bomb'?
7. Write note on 'Database Concurrency'?
8. What is the message 'ORA-00060: Deadlock detected' associated with?
9. Define 'SCN'.
10. What is a Datafile?

Part B

Answer ALL Questions   **5 x 8 = 40**

11 a) Explain the system requirements for Oracle 10g installation.

OR

b) Discuss the variants of Oracle 10g.

12 a) Explain the steps involved in creating a database using DBCA.

OR

b) Discuss the steps involved in granting and revoking database privileges.

13 a) Explain Indexing.

OR

b) Discuss the Functions in Oracle 10g.

14 a) Discuss the steps involved in 'Configuring Undo Management'.

OR

b) Explain monitoring of Undo Tablespace.

15 a) Discuss Deadlock Management.

OR

b) Explain the types of Database Backups.

Part C

Answer any TWO Questions   **2x 20 = 40**

16 a) Explain the features of Oracle 10g.

b) Discuss Tablespace Creation.

17 a) Substantiate how Views are created and managed.

b) Explain the working of Triggers with an appropriate example.

18 a) Discuss the types of Database Failure.

b)   Discuss Crash recovery with diagram.

****