



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FOURTH SEMESTER – APRIL 2015

CA 4959 - DATABASE ADMINISTRATION

Date : 29/04/2015

Dept. No.

Max. : 100 Marks

Time : 09:00-12:00

PART A

Answer ALL Questions

10 X 2 = 20

1. What is Grid Computing?
2. What is Hot Standby?
3. What are the two options available under Extent Management in Tablespace creation?
4. How could password be set for Users?
5. What is an Outer Join?
6. What is a Trigger?
7. What is Shared Lock Mode?
8. What is an Exclusive Lock Mode?
9. What is Statement Failure?
10. Write short note on User Error.

PART B

Answer ALL Questions

5 X 8 = 40

- 11 a) Explain the Real Application Clusters in Oracle 10g.

OR

b) Explain the Database Architecture.

- 12 a) Explain Privileges in Oracle 10g.

OR

b) Discuss Users Creation in Oracle 10g.

- 13 a) Explain how Views are created and managed.

OR

b) Explain Stored Procedures.

- 14 a) Explain Database Tuning.

OR

b) Explain the steps involved in 'Creating Undo Tablespace'.

- 15 a) Explain the types of Database Backups.

OR

b) Explain Database Restoration with the needed diagram.

PART C

Answer any TWO Questions

2 X 20 = 40

- 16 a) Discuss the features of Oracle 10g in detail.
b) Write an essay on the physical and logical entities of a Database.
- 17 a) Explain the different types of Joins.
b) Explain monitoring of Undo Tablespace.
- 18 a) Discuss Deadlock Management.
b) Explain Recovery Strategies.
