

**CDOE**  
**MASTER OF BUSINESS ADMINISTRATION (CBCS-2019 COURSE)**  
**M.B.A. SEM - IV : WINTER :- 2021**  
**SUBJECT: RDBMS WITH ORACLE**

**Day : Friday**  
**Date 4/3/2022**

**W-22051-2021**

**Time : 02:00 PM-05:00 PM**  
**Max. Marks: 60**

**N.B.:**

- 1) Answer ANY THREE questions from Section I. Each question carries 10 Marks
- 2) Answer ANY TWO questions from Section II. Each question carries 15 Marks.
- 3) Answers to Both the sections to be written in SEPARATE answer books
- 4) Draw a labeled diagram WHEREVER necessary

**SECTION - I**

Q.1) Answer the following: (10 Marks X 1 = 10 Marks)

Explain 3 tier oracle architecture.

Q.2) Answer the following: (10 Marks X 1 = 10 Marks)

What is union? When the two tables are said to be union compatible? How are the results ordered?

Q.3) Answer the following: (10 Marks X 1 = 10 Marks)

Explain all the option that can be used with SELECT statement with example.

Q.4) Answer the following: (10 Marks X 1 = 10 Marks)

Explain how views are used to provide the security to the table with example.

Q.5) Write short notes on the following: Attempt ANY TWO (5 Marks X 2 = 10 Marks)

- a) Miscellaneous functions
- b) Correlated Queries
- c) Synonyms
- d) User defined exceptions

**SECTION - II**

Q.6) Answer the following: (15 Marks X 1 = 15 Marks)

Solve following queries based on emp ( empno (PK), ename, job, mgr, sal, deptno(FK)) and DEPT (deptno (PK), dname, loc) table

- a) Display name of the employees whose manager is JONES.
- b) Display all employee names with their department names.
- c) Display names of the employees working in sales department.
- d) Display those employees whose salary is greater than his manager's salary.
- e) Display employee name, department name, salary and commission for those salary is between 2000 and 500 while location is Chicago.

Q.7) Answer the following: (15 Marks X 1 = 15 Marks)

Write SQL queries for the following:

Emp (Eno(PK), Ename, Cname(FK), Salary, Jdate)

Company(Cname(PK), City)

Empshift (Ename(PK), Shift)

- a) Display the employee name whose salary greater than 10000.
- b) Display the employee details whose name having 'R' as a second character.
- c) Display the employees working in "TATA" company.
- d) Display the employee details whose Joining date is after 1<sup>st</sup> Jan 2015.
- e) Display the shift wise employee details.

Q.8) Answer the following (15 Marks X 1 = 15 Marks)

- a) Write a PL/SQL block to display whether accepted number is prime or not.
- b) Write a PL/SQL block to insert record in employee table.

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