

M.C.A. Semester – 3 Examination November 2016
Paper Code: 3609 Paper Title: Database: Concepts and Tools

Time: 02:30 Hours

Max. Marks: 70

Q-1 Answer any FIVE from the following. [10]

- a. Major difference between SQL and PL/SQL.
- b. Full form of PL-SQL, DDL, DML & TPL
- c. Major difference between primary key and unique key.
- d. Explain in short LPAD() and RPAD().
- e. Difference between Char and Varchar data types.
- f. Difference between %TYPE and %ROWTYPE.
- g. Explain IN and LIKE with an example.

Q-2 Answer any FIVE from the following. [15]

- a. List cursor attributes and explains in short.
- b. Explain Check constraints with an example.
- c. Explain IN, OUT & INOUT parameter modes in Oracle.
- d. Write syntax of GRANT Statement and explain with an example.
- e. Explain COMMIT, ROLLBACK and SAVE POINT with an example.
- f. Explain CREATE and UPDATE statement with an example.
- g. List the steps for explicit cursor processing.

Q-3 Answer any FIVE from the following. [25]

- a. Explain parameterized cursor with an example.
- b. Explain following with an example.
ABS, LTRIM, INITCAP, FLOOR & MOD
- c. Write a short note on Cursor For Loop.
- d. Explain trigger with an example.
- e. List types of JOINS and explain any two with an example.
- f. Explain Export – Import utility in short.
- g. What is view? What is the significance of view object in Oracle

Q-4 Answer any TWO from the following. [20]

- a. Explain Client Server Architecture. Explain any five background processes.
- b. Explain Locking mechanism in detail.
- c. Write the syntax of following and explain in short.
Index, Sequence, View, Synonym & Role