

Roll No.

12049

**MBA 2 Year 3rd Semester (CBCS)
Examination – December, 2017**

PROGRAMMING IN ORACLE

Paper : 16IMG23GT2

Time : Three Hours] [Maximum Marks : 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt all *five* parts of the question in Section – A. Attempt *four* questions selecting *one* question from each Unit in Section – B. All questions carry equal marks.

SECTION – A

1. Answer the following :
 - (a) What is a form in SQL ?
 - (b) What is correlated subqueries in Oracle ?
 - (c) What is an integrity constraint ?
 - (d) Explain the purpose of index, giving suitable example.

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- (e) Explain the concept of 'exception handling' in oracle.

SECTION – B

UNIT – I

2. (a) What do you understand by relational database management system? Explain with an example.
(b) Explain in brief various data types supported by oracle.
3. (a) Explain Insert, Select, and Update commands used in DML taking suitable examples.
(b) What do you mean by transaction control in oracle? Illustrate the use of commit, savepoint, and rollback commands with the help of examples.

UNIT – II

4. (a) What are the arithmetic and comparison operators available in SQL *PLUS? Explain using examples.
(b) Illustrate the use of following functions in SQL *PLUS:
- (i) Initcap
 - (ii) power
 - (iii) ltrim
 - (iv) replace
 - (v) Max

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5. What is a Join? Discuss different types of Joins available in Oracle giving examples.

UNIT – III

6. Explain the creation and manipulation of the following with suitable examples:
- (a) Views
 - (b) Nested Tables
7. What do you mean by locking? Illustrate the row and table level locks acquired in oracle taking suitable examples.

UNIT – IV

8. (a) What is PL/SQL? What are its advantages? Also illustrate the PL/SQL block.
(b) What is a database trigger? Discuss various types of triggers used in oracle.
9. What are control statements? Explain various control statements available with oracle using suitable examples.

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