

Roll No. ....

**12049**

**MBA 2 Year 3rd Semester (CBCS)  
Examination – December, 2018**

**PROGRAMMING IN ORACLE**

**Paper : 17IMG23GT2**

*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 :** Section – A (Question No. 1) is *compulsory*. Attempt *one* question from each Unit in Section – B. All questions carry equal marks.

**SECTION – A**

1. (a) What is the SQL Query? Why use SQL ?
- (b) Discuss the various types of triggers.
- (c) List various data manipulation built-in functions.
- (d) What are the weaknesses of SQL ?
- (e) "SQL is called Structured Query Language and PL/SQL is called the Programming Language in SQL." Comment.

## **SECTION – B**

### **UNIT – I**

2. Give the brief introduction of Oracle. What are the differences between DBMS and RDBMS ?
3. What are the data types supported by PL/SQL ? Explain. What are the different types of loops available in PL/SQL ? Explain.

### **UNIT – II**

4. (a) Define SQL Functions. Explain Single Row Functions and its subcategories giving examples in each category.  
(b) How Oracle Handles Joins of More than Two Tables If a query joins more than two tables ?
5. (a) Explain the features of various aggregate functions in SQL.  
(b) Describe Join operations in SQL using examples.  
(c) What are different kinds of constraints used in Oracle while creating a table ?

### **UNIT – III**

6. (a) Explain the concept of a view in SQL.  
(b) Compare the differences between Varying arrays and nested tables.

7. (a) What happens to the related objects like indexes views etc. when a table is deleted ? Explain with a suitable example.  
(b) Explain various SQL data types.

### **UNIT – IV**

8. What is a trigger ? What are the differences between row level and statement level triggers ? Also discuss various types of triggers used in Oracle.
  9. (a) Explain the process of declaration in PL/SQL.  
(b) What are PL/SQL blocks ? How many types of PL/SQL block definition exist ? Explain with suitable examples.
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