

M.C.M.II (with Credits)-Regular-Semester 2012 Sem III
MCM233 - Paper-III : Oracle (SQL and PL/SQL Programming)

P. Pages : 2

Time : Three Hours



GUG/W/16/3032

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram wherever necessary.

Either

1. a) What is RDBMS? Explain 'Oracle as multi – user system'. 8
b) What is SQL? Explain components of SQL. 8

OR

- c) What is database user? Explain the functions of DBA. 8
d) Explain elements of SQL. 8

Either

2. a) Explain SQL operators with example. 8
b) Explain DML operations in detail. 8

OR

- c) Explain in detail about 8
i) DDL
ii) TCL
d) Explain with example: 8
i) Altering table ii) Dropping table
iii) Order by clause iv) Data Integrity through constraints.

Either

3. a) Explain 8
i) Conditional functions
ii) Nested functions
b) Explain database object in detail. 8

OR

- c) Explain following function with example. 8
 - i) Character function
 - ii) Numeric function
- d) Explain in detail with example 8
 - i) Equi join
 - ii) Cartesian join

Either

- 4. a) What is PL/SQL? Explain structure of PL/SQL. 8
- b) Write a PL/SQL block to find number is even or odd. 8

OR

- c) Explain in detail 8
 - i) Variable
 - ii) Constant
- d) What is Exceptional Handling? Explain predefined Exception. 8

- 5. All questions are compulsory.
- a) Write a short note on SQL * PLUS. 4
- b) Explain in brief 4
 - i) Insert Command
 - ii) Revoke
- c) Write a short note on subquery. 4
- d) Explain Explicit cursor Attributes. 4
