

S.D.E.
M.B.A. (I.T.) Sem-III (2013 Course) : SUMMER - 2019
SUBJECT : DATABASE MANAGEMENT WITH ORACLE

Day : Tuesday
Date : 14/05/2019

S-2019-5160

Time : 10.00 AM TO 1.00 PM
Max. Marks : 70

N.B.:

- 1) Attempt **ANY FOUR** questions from Section – I and attempt **ANY TWO** questions from Section – II.
- 2) Answers to both the sections should be written in *SAME* answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** What is RDBMS? Explain the features of Oracle RDBMS. [10]
- Q.2** Explain in detail SQL SELECT Command with its various clauses. Give suitable examples. [10]
- Q.3** Explain the various Aggregate functions in SQL. [10]
- Q.4** Explain the role of Commit, Rollback and Savepoint in transaction processing with example. [10]
- Q.5** What is PL/SQL? Explain the components of PL/SQL programme. [10]

SECTION – II

- Q.6** Consider the following database schema:
Branch (B_id, B_Name, City)
Borrow (Loan_No, C_name, B_id, Amount)
Write SQL queries for the following:
- a) Create above table with proper constraints and insert records in them. [03]
 - b) List out the branches located in 'Pune' city. [03]
 - c) Display the name of the customer with highest loan amount. [03]
 - d) List the loan details in descending order on column amount. [03]
 - e) Display the name of the branch from where customer 'Rahul Raj' has borrowed a loan. [03]
- Q.7** Answer the following:
- a) Write a PL/SQL block to accept 10 numbers in a loop and print sum of accepted even numbers and odd numbers separately. [07]
 - b) Consider the following database structure:
Employee (Eno, Ename, Dno, Salary)
Write a PL/SQL Block to accept salary and print the number of employees having salary less than or equal to accepted salary. [08]
- Q.8** Write a short note on the following: [15]
- a) Foreign key
 - b) Grant and Revoke Commands
 - c) Oracle Forms

* * * *