

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MCom(CA) DEGREE EXAMINATION MAY 2023  
(Second Semester)

Branch – COMMERCE WITH COMPUTER APPLICATION

DATABASE SYSTEM USING ORACLE

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Which of the following is correct about Oracle?
  - (i) Oracle is a relational database management system
  - (ii) Oracle was built in 1977
  - (iii) OracleDB is another name for it
  - (iv) All of the mentioned
- 2 When a transaction modifies the database, Oracle copies the original data before modifying it. What is the original copy of the modified data called?
  - (i) Redo Data
  - (ii) Undone Data
  - (iii) Undo Data
  - (iv) Archive Data
- 3 Using a WHERE clause in a SQL query is used to specify SQL reserved words and characters, known as \_\_\_\_?
  - (i) Operators
  - (ii) Numbers
  - (iii) Data Types
  - (iv) Syntax
- 4 Which of the following is not a Key in SQL Server?
  - (i) Alternate
  - (ii) Foreign
  - (iii) Secondary
  - (iv) Primary
- 5 Which of the following is not included in DML (Data Manipulation Language)?
  - (i) INSERT
  - (ii) UPDATE
  - (iii) CREATE
  - (iv) DELETE

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a. What are the integrity rules? Explain.  
OR  
b. What do you mean by normal forms? Describe.
- 7 a. Write about the Steps for creating a table with Suitable Syntax.  
OR  
b. What is meant by Sorting and its functions?
- 8 a. What is meant by data grouping in Oracle database?  
OR  
b. Tell about the concept of Views.

Cont...

- 9 a. List Out the Data Types used in PL/SQL.  
OR  
b. Write short notes about the Printing function in PL/SQL.
- 10 a. What is cursor For loop? Illustrate.  
OR  
b. Write short notes PL/SQL Cursor with parameters.

**SECTION -C (30 Marks)**

Answer any **Three** questions.

**ALL** questions carry **EQUAL** Marks (3 x 10 = 30)

11. Explain about the Data modeling and its Normalization in Detail.
12. Explain a) Arithmetic Operations b) CASE Structure.
13. Write about the operations in Joint function and its classification.
14. Elaborate about the Embedded SQL Service in Oracle with its classification.
15. What is exception and types of exception explain in detail? Illustrate.

Z-Z-Z

END