

**(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2022 ONLY)**

22UCC306

REG.NO. : _____

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : NOVEMBER-2023
COURSE NAME: B.Com.-C.A **MAXIMUM MARKS: 50**
SEMESTER: III **TIME : 3 HOURS**

PART - III

RELATIONAL DATABASE MANAGEMENT

SECTION – A **(10 X 1 = 10 MARKS)**

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS. **(K1)**

1. Which of the following commands do we use to delete a relation (RDBMS) from a database?
 - a) Delete table RDBMS
 - b) Data table RDBMS
 - c) Delete from RDBMS
 - d) Drop relation RDBMS
2. The dependency rules specified by the database designer are known as _____.
 - a) Functional dependencies
 - b) Designer dependencies
 - c) Database rules
 - d) None of the mentioned
3. A data dictionary is otherwise called as _____.
 - a) Metadata repository
 - b) Data base
 - c) Both a,b
 - d) None of the above
4. The _____ constraint is used to prevent actions that would destroy links between tables.
 - a) Primary Key
 - b) Unique Key
 - c) FOREIGN KEY
 - d) Function Key
5. PL/SQL block structure has _____ types of code block sections.
 - a) 2
 - b) 4
 - c) 3
 - d) 1

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES. **(K2)**

6. Expand DBA.
7. What Is Entity?
8. Define Referential Key.
9. What is the use of Compute Command?
10. State the concept of Error Handling.

SECTION – B **(5 X 3 = 15 MARKS)**

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) List the advantages of having data in a database.

(OR)

- b) Illustrate on Transaction Management with suitable example.
12. a) Describe about the Hierarchical Data Model.

(OR)

- b) Show the E-R Diagram Conventions. **(CONTD.....2)**

13. a) Explain the concept of Set Operators.
(OR)
b) Show the Oracle Internal Data Types with examples.
14. a) List out the Usage of Sub-Queries.
(OR)
b) Sketch on Sequences and Index in Data Objects.
15. a) Describe the Control Structures in PL/SQL with syntax.
(OR)
b) Perceive on Simple Form Construction in SQL*.

SECTION – C **(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 (Or) K5)**

16. a) Data Dictionary Benefits and types.
(OR)
b) DBMS with its Benefits and Functions.
17. a) Outline the Database Relationship and Associations.
(OR)
b) Analyse the concept of Data Models in detail.
18. a) Explain the Divisions of SQL with brief explanation.
(OR)
b) Summarize on Keys: Primary Key, Foreign Key and Referential Key with examples.
19. a) Formulate the Concept of Locking and its Types of Locks.
(OR)
b) Determine the SQL * Plus Formatting Commands with examples.
20. a) Prioritize the Advantages –and Architecture of PL/SQL Block.
(OR)
b) Discuss in detail about the Components of Oracle Form.
