

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2023 ONLY)

23UCC307

REG.NO:

N.G.M.COLLEGE (AUTONOMOUS): POLLACHI
END-OF-SEMESTER EXAMINATIONS: NOVEMBER-2024
COURSE NAME: B.Com.-C.A **MAXIMUM MARKS: 75**
SEMESTER: III **TIME: 3 HOURS**

PART - III
RDBMS

SECTION – A (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

- _____ produces the relation that has attributes of R1 and R2.
 - Cartesian product
 - Difference
 - Intersection
 - Product
- The file organization that provides very fast access to any arbitrary record of a file is _____.
 - Ordered file
 - Unordered file
 - Hashed file
 - B-tree
- Which of the following is not an example of DBMS?
 - MySQL
 - Microsoft Access
 - IBM DB2
 - Google
- What is information about data called?
 - Hyper data
 - Tera data
 - Meta data
 - Relations
- The top level of the hierarchy consists of _____ each of which can contain _____.
 - Schemas, Catalogs
 - Schemas, Environment
 - Environment, Schemas
 - Catalogs, Schemas

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

- Delete from r where P; what is the function of the given command?
- Define Tuple.
- Which normalization form is based on the transitive dependency?
- How is ER diagram represented?
- Total view of a database is known as?

SECTION – B

(5 X 5 = 25 MARKS)

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

- a) List the Benefits of using DBMS.
(OR)
b) Describe the Concept of Transaction Management.
- a) Explain the Components of an E-R model.
(OR)
b) Sketch Classes & Entities.

(CONTD.....2)

- 13.a) Assess the Oracle Internal Data Types.
(OR)
b) Examine Keys: Primary Key, Foreign Key and Referential Key.
- 14.a) Compute Commands, Title Commands.
(OR)
b) Discuss the Usage of Sub-Queries.
- 15.a) Discuss the Concept of Error Handling.
(OR)
b) Compute on Simple Form Construction.

SECTION – C**(5 X 8 = 40 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.****(K4 (Or) K5)**

16. a) Describe the disadvantages of File Based Data Management System.
(OR)
b) Determine the concept of Data Dictionary.
- 17.a) Summarise on Database Relationship and Associations.
(OR)
b) Prioritize on E-R Model with examples.
18. a) Interpret on SQL * Plus Functions.
(OR)
b) Evaluate the Divisions of SQL.
- 19.a) Appraise on Database Objects.
(OR)
b) Conclude the Concept of Locking and its types.
- 20.a) Perceive the Architecture of PL/SQL Block.
(OR)
b) Describe the Basic Concept of SQL* FORM.
