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Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem-4)
DATABASE MANAGEMENT SYSTEMS

Subject Code : UGCA1922

M.Code : 79726

Date of Examination: 09-12-2024

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly:

- a. DML
- b. Data Redundancy
- c. Relational DBMS
- d. DCL
- e. ER Model
- f. Dependency
- g. Database Trigger
- h. Database Integrity
- i. Stored Procedure
- j. Concurrency Management.

SECTION-B

2. Write a note on the comparison of Hierarchical, Network and Relational Model.
3. Explain in detail the Role Played by Relational Algebra and Calculus.
4. Explain the Role of Normalization and its types on Student Address Database.
5. Explain in detail Database Recovery and Database Security.
6. Write a note on Design of Distributed Databases.
7. Explain in detail the Concept of Multivalued Dependencies with suitable Examples.

NOTE: Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.