

Roll No. : _____

Total No. of Questions : 07

BCA (Sem-4)

DATABASE MANAGEMENT SYSTEMS

Subject Code : UGCA1922

M.Code : 79726

Date of Examination : 22-11-2023

Time : 3 Hrs.

Max. Marks : _____

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is **COMPULSORY** consisting of TEN questions carrying TEN marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and student attempt any FOUR questions.

SECTION-A

1. Answer briefly :

- a) Cursors
- b) Functions
- c) Entity
- d) Hierarchical Model
- e) Transitive Dependency
- f) Locking
- g) Transaction
- h) Network Model
- i) Importance of DBMS
- j) DKNF.

SECTION-B

2. Explain in detail Concept of Data Modelling and Three Level Architecture of DBMS.
3. Explain in detail Different types of Definition Languages used in SQL along with their examples.
4. What do you understand by Normalization? Apply all its forms with a suitable example.
5. Explain in detail Different types of Joins with suitable examples.
6. Explain in detail Importance of Database Security and Integrity and Control.
7. Write a note on Distributed Database.

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.