

S. B. Roll. No.....

DATABASE MANAGEMENT SYSTEM
4th Exam/IT/CSE/2395/Jun'2021
(For 2018 Batch Onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Name the various types of database users?
- ii. Define the following terms:
a) Instance b) Schema c) Database state d) Tuple e) Cardinality
- iii. What is an entity and attribute? Give example of each.
- iv. What are the properties of a transaction?
- v. What do you mean by data independence? Explain two levels of data independence in brief.
- vi. What is a database? Explain its benefits?
- vii. Explain the create command with syntax and example.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. What do you mean by DBMS? Discuss the advantages and disadvantages of DBMS.
- b. Explain DBMS architecture.
- c. Write a short note on i) DDL ii) DML iii) DCL iv) Normalization v) Degree
- d. Define the following: i) Shared lock ii) Exclusive lock iii) GRANT statement
iv) Revoke statement v) Primary key