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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

iii) DCL

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
- iv) Normalization
 ii) Exclusive lock iii

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n v) Degree iii) GRANT statement

- d. Define the following: iv) Revoke statement
- i) Shared lockv) Primary key