

Exam. Code : 110004

Subject Code : 2579

Bachelor of Vocation (Web Technology & Multimedia)

4th Semester

DATABASE SYSTEM

Paper-401

Time Allowed—2 Hours] [Maximum Marks—50

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. Explain any five application areas which are database driven.
2. Give any three examples of DBMS. What is Data Independence ?
3. Explain 1st, 2nd and 3rd forms of Normalization. Give example of each.
4. What is a view ? What are advantages of creating views?
5. What is purpose of Concurrency Control ? Explain any two techniques of Concurrency Control.
6. What is Transaction? Explain ACID properties of transaction
7. What is meant by database recovery ? What is its need ?
8. Explain different types of threats of Database Security.

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