



Name of Dept.: Information Technology

Term: EVEN 2023-2024

UNIT TEST II

Course Name: Databases Management System

Course Code: IT23106

Duration: 1hr

Marks: 20

Shift : I & II

Q.1. Attempt the following (2*3)

- a) Define Normalization. List it's needs.
- b) Define Transaction. Give one example.
- c) List advantages of Concurrent Transaction.

06

(CO4, R)

(CO5, R)

(CO5, R)

Q.2. Attempt the following (4*2)

- a) Differentiate between 3NF and BCNF.

OR

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(CO4, A)

- a) Explain in detail 1NF and 2NF

(CO4, U)

- b) Explain in detail Transaction (ACID) properties.

OR

(CO5, U)

- b) Explain in detail Transaction states.

(CO5, U)

Q.3. Attempt any Two (3*2)

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- a) Explain in detail Functional dependencies with example.

(CO4, U)

- b) Differentiate between Serial schedule and Concurrent schedule.

(CO5, A)

- c) Explain in detail Granting of locks.

(CO5, R)

CO	R	U	A	TOTAL
CO4	2	7	4	13
CO5	4	11	3	18
TOTAL	9	8	14	31