

FYBSC IT/SEM I/ATKT/Database Management Systems

Time: 1 hr.

Marks:30

Note:

1. All questions are compulsory.
2. Draw neat diagrams wherever necessary.
3. Figures to the right indicate full marks.

Q.1 **Answer the following. (Any TWO)** [15]

- (a) Explain Codd's rule.
- (b) Explain Transaction and its states with diagram.

OR

- (c) Explain Database with advantages.
- (d) Explain Database Architecture.

Q.2 **Answer the following. (Any TWO)** [15]

- (a) What is Normalization? Explain 3NF and BCNF with suitable example.
- (b) Explain TCL and DDL with syntax and suitable example.

OR

- (c) Write SQL query to Create, insert, update and modify the table
- (d) Explain Right outer join and Left outer join with suitable example.

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