

S.E.(Information Technology)
DATABASE MANAGEMENT SYSTEM
(2019Pattern) (Semester-II)

- 6 1. Explain in brief centralized and client server architecture.
- 6 2. Describe 2 Tier and 3 Tier architecture.
- 5 3. State and explain properties of transaction management.
- 6 4. Write short note on mobile database and cloud database.
- 5 5. Explain Time stamping method.
- 5 6. Explain shadow paging.
- 5 7. Write short note on log-based recovery.
- 4 8. Write short note on purpose of normalization.
- 4 9. Explain the process normalization.
- 3 10. Write short note on selection and join operation.
- 4 11. Explain Transformation of rational expression.
- 3 12. Explain characteristics and Advantages of SQL data types.