ST.JOSEPH'S COLLEGE OF ENGINEERING

DEPT. OF IT & CSE

DBMS-CS6302

Assignment -1

Part-A

1. What is first normal form?
2. Define instance and schema?
3. What are attributes? Give examples.
4. Define- relational algebra.
5. What are composite attributes?
6. Define weak and strong entity sets?
7. Define database management system?
8. List any five applications of DBMS.

Part-B

2.6, 2.25,1.3

1. **Explain the various components of ER diagram with examples.**
2. **Define anomalies and explain 1st normal form & 2nd normal form with example.**
3. **Discuss third normal form & BCNF with example.**
4. **List out the disadvantages of File system over DB & explain it in detail**