

ST.JOSEPH'S COLLEGE OF ENGINEERING

DEPT. OF IT & CSE

DBMS-CS6302

Assignment -1

Part-A

- 1. Define Single and Multi-valued Attributes.**
- 2. Define database management system?**
- 3. List any five applications of DBMS.**
- 4. Define- relational algebra.**
- 5. Define full functional dependency.**
- 6. Define weak and strong entity sets?**
- 7. What is second normal form?**
- 8. Why 4NF in Normal Form is more desirable than BCNF?**

Part-B

- 1. Discuss about (i) Data Models (ii) Mapping cardinalities.**
- 2. List out the operations of the relational algebra and explain with suitable examples.**
- 3. Explain the 4NF and 5NF in detail with example.**
- 4. Explain the purpose and components of DBMS in detail.**