SRINIX COLLEGE OF ENGINEERING

1ST INTERNAL EXAMINATION-2021-22

Subject-**DMS**   Semester-**5TH**   Branch-**CSE**

Full Mark-**60**   Time-**2.00Hrs**

ANSWER ALL QUESTIONS (PART-A)   **[2X10=20]**

1. Define DBMS
2. Define Instance and schema
3. Define Data modal
4. What is E-R Model?
5. What is attribute? Give example.
6. What is relationship? Give Example.
7. Define Weak and Strong Entity.
8. Define DDL & DML.
9. What is primary key?
10. What is super key?

ANSWER ANY FOUR QUESTIONS (PART-B)   **[5x4=20]**

1. Define DBMS, what are the advantages of using over file processing System
2. Different between relational algebra and relational calculus
3. What transaction. Describe the properties of transaction
4. Explain the Database Administrator's responsibilities
5. Explain three tier schema architecture
6. Why concurrency control is needed. Explain the problems that would arise when concurrency control is not provided by DB System.

ANSWER all QUESTIONs (PART-C)   **[10x2=20]**

1. Describe 1st 2nd 3rd normal form.
2. Draw E-R diagram for Student management system
3. Describe Different index structure in details.

---------------ALL THE BEST---------------