



REGISTRATION NUMBER

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SRINIX COLLEGE OF ENGINEERING

2ND INTERNAL EXAMINATION-2021-22

Subject-**DBMS**

Semester-**5TH**

Branch-**CSE**

Full Mark-**100**

Time-**2.30Hrs**

PART-ANSWER ALL THE QUESTIONS

[2 X 10 =20]

1. Define DBMS.
2. What are the three level of abstraction?
3. What do you mean by instance and schema?
4. Define data model.
5. What are attribute?
6. Define single value and multivalve attribute.
7. What is transaction?
8. Define index.
9. Discuss DDL.
10. Discuss DML.

PART-B :ANSWER ANY EIGHT QUESTIONS

[6 X 8 = 48]

1. Write the advantages of File Processing System.
2. Explain three tier Architecture.
3. Explain E-R Model.
4. Explain different types of keys available in Relational model.
5. Explain different types of Joins.
6. What are the different types of relationship in DBMS ?
7. What is transaction? Explain the properties?
8. Explain different States of transaction.
9. Difference between B+ tree and B tree.
10. What is index? Describe different types

PART-C: ANSWER ANY TWO QUESTIONS

[16X2 = 32]

1. Define Normalization. Describe Different Types of normal Form.
2. explain B+ tree index file. Demonstrate insertion of element in B+ tree by taking an example.
3. Describe different operators used in relational algebra.