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**Date: 29-01-2021.**

**II.B.TECH- II-SEM (R22)-I MID Examinations-April -2024 Date: 18/04/2024**

**Subject:** **Database Management Systems Time:01:00 TO 03:00 PM**

**Branch:** **IT, CSM&CSD Marks: 30 M**

# *Answer all Questions in Part -A & Answer any FOUR Questions in Part -B*

# PART-A 5x2=10M

1. Define: a. Entity, b. Attribute, c. Descriptive attributes, and d. Weak Entities (CO1)
2. Write the differences between File Processing System and DBMS? (CO1)
3. What is a View? Explain how to create a View? (CO2)
4. Explain about Integrity Constraints (ICs) (CO2)
5. Discuss the drawbacks of file processing system (CO3)

**PART-B 4X5=20 M**

1. Define DBMS. Describe the architecture of DBMS with a neat diagram? (CO1)
2. What is E-R model? Draw an E-R Diagram for any enterprise system. (CO1)
3. What is Relational model? Distinguish between Super key, Candidate key Primary Key for a relation with examples. (CO2)
4. What is a data model? What are the different data models? Explain. (CO2)
5. Discuss briefly about Domain Relational calculus with suitable example? (CO2)
6. Explain Generalization and Specialization with suitable example. (CO3)