

Code No: 154AM**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech II Year II Semester Examinations, March - 2022****DATABASE MANAGEMENT SYSTEMS****(Common to CSE, IT, ITE)****Time: 3 Hours****Max. Marks: 75****Answer any five questions
All questions carry equal marks**

1. Explain any five applications of DBMS. [15]
2. What is Entity set and also define Relationship set. List and explain the symbols used to draw ER Diagram. [15]
3. What is a view? How to specify a view? Write about view implementation techniques. [15]
4. Discuss briefly about Domain relational calculus with suitable example. [15]
5. State 1NF, 2NF and 3NF and explain with examples. [15]
6. What is Functional Dependency? Explain types and properties of FD's. [15]
7. Discuss about transaction recovery techniques. [15]
8. Explain in detail about external hashing techniques. [15]

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