**Code No.**

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY (An Autonomous Institution)**

**M.B.A III-Semester (Regular) Examination, Feb/March -2023**

**Subject:DATA BASE MANAGEMENT SYSTEM**

**Time: 3 hours Max.Marks:60**

**Note: Missing data, if any, maybe suitably assumed.**

**PART-A**

**Answer All the questions.**

|  |  |  |  |  |
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| **Q.No** | **Questions** | **Marks** | **CO** | **BTL** |
| **1. a** | Which is Data Definition Language? | **2** |  |  |
| **b** | Tuple Relational Calculus (TRC) | **2** |  |  |
| **c** | What is Hashing in DBMS? | **2** |  |  |
| **d** | What is concurrency control in DBMS? | **2** |  |  |
| **e** | What are the transactional control commands? | **2** |  |  |

**PART-B**

**Answer Any Five questions**.

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| --- | --- | --- | --- | --- | --- |
| **Q.No.** |  | **Questions** | **Marks** | **CO** | **BTL** |
| **2.** | **a** | What is Entity relationship Model in DBMS? | **10** |  |  |
| **3.** | **a** | What is domain in Relational Algebra? | **10** |  |  |
| **4.** | **a** | Explain Different types of Joins in DBMS | **10** |  |  |
| **5.** | **a** | Explain ACID Properties in DBMS | **10** |  |  |
| **6.** | **a** | Difference between Simple and Complex View in SQL | **10** |  |  |
| **7.** | **a** | Explain Data Manipulation Operations | **5** |  |  |
| **b** | Explain about Relational DataBase Management System | **5** |  |  |
| **8.** | **a** | Explain Steps in query processing | **5** |  |  |
| **b** | Explain Serializability In The Real World | **5** |  |  |
| **9.** | **a** | Create Table Extensions with example in SQL | **10** |  |  |

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