



MBA DEGREE EXAMINATIONS: NOV / DEC 2024

(Regulation 2021)

Third Semester

MASTER OF BUSINESS ADMINISTRATION

P21MBE0184: Database Management System

COURSE OUTCOMES

- CO1** Explain the understanding of the fundamental principles of Database Management System.
- CO2** Display the competence to manage data using Database Management System.
- CO3** Build an appropriate Database design based on the design problem.

Time: Three Hours

Maximum Marks: 100

PART A (6Q x 5marks = 30 Marks)

Answer all the Questions

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| 1. What is DBMS system and state its purpose? | CO1 | [K ₁] |
| 2. Summarize the importance of Data models? | CO2 | [K ₂] |
| 3. Outline the Features of good relational database design? | CO1 | [K ₂] |
| 4. What is constraint and explain the types of constraints? | CO1 | [K ₂] |
| 5. Explain the data Architecture with diagrammatic representation? | CO2 | [K ₂] |
| 6. Explain the Transaction management with an example? | CO2 | [K ₂] |

PART B (5Q x 10 marks = 50 Marks)

Answer all the Questions

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| 7. Identify the Basic building blocks of data models. | CO2 | [K ₃] |
| 8. Explain in detail the view of data and degrees of abstraction? | CO2 | [K ₂] |
| 9. Analyze the components of ER diagram and the different types of relationship in schema? | CO3 | [K ₄] |
| 10. What is joins in DBMS its types with syntax and example? | CO2 | [K ₂] |
| 11. Explain the Acid properties in DBMS. | CO3 | [K ₂] |

PART C (1Q x 20 marks = 20 Marks)

Answer all the Questions

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|---|-----|-------------------|
| 12. Build an appropriate database design based on a problem of your choice. | CO3 | [K ₃] |
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