

INDIRA UNIVERSITY, PUNE

SCHOOL OF BUSINESS- MBA

Term End Examination (2025 Pattern) April- May – 2026- Semester – II

Course Name: Modern Data Management System
Course Code: 25MBA2105

Max. Marks: 25
Time: 1:30 Hrs.

Instructions

- Attempt all questions.
- Figures to the right indicate full marks.
- CO and BT level are indicated against each question.
- Assume data as per your choice wherever required

Q1. A	A Hospital database contains entities such as Patient, Staff, Pharmacy, etc... Develop an ER diagram and explain cardinality and participation constraints for the same. (10 Marks)	CO 6
	OR	
Q1. B	A library database contains entities such as Book, Member, Issue, Author, etc... Develop an ER diagram and explain cardinality and participation constraints for the same. (10 Marks)	CO 6
Q.2 A	Write SQL commands for the following: a) Create a table Traveller with Itinerary ID as Primary Key and Email as Unique. b) Insert five records into the table. c) Update the email of one Traveller. d) Delete one record from the table. (10 Marks)	CO 4
	OR	
Q.2 B	Consider the following tables: • Customer (CustID, CustName, City) • Orders (OrderID, CustID, OrderAmount) Write SQL queries to: a) Display all customers and their order amounts using a join. b) Display customers from Pune only. c) Show the highest order amount. (10 Marks)	CO 4
Q. 3 A	Assess the importance of data governance in modern enterprises. How do DSCI and the DPDP Act, 2023 influence the way Educational organizations store, access, and protect data? (5 Marks)	CO 5
	OR	
Q. 3 B	Assess the importance of data governance in modern enterprises. How do DSCI and the DPDP Act, 2023 influence the way Corporate organizations store, access, and protect data? (5 Marks)	CO 5
