

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BBA
BRANCH: MANAGEMENT

SEMESTER: V
SESSION: MO/2025

SUBJECT: MN436 DATABASE MANAGEMENT SYSTEM

TIME: 02 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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		CO	BL
Q.1(a)	Describe the purpose of DBMS.	[2] 1	2
Q.1(b)	Demonstrate the different views of data.	[3] 1	3
Q.2(a)	Illustrate with examples about any two data models.	[2] 2	2
Q.2(b)	Explain with examples about the database languages.	[3] 1	2
Q.3(a)	Demonstrate a relational model with a suitable example.	[2] 1	3
Q.3(b)	Evaluate the role of any three constraints in a relational database.	[3] 2	5
Q.4(a)	Describe with examples about the different symbols used in E R Diagram.	[2] 2	2
Q.4(b)	Compare and contrast between a strong and a weak entity.	[3] 2	4
Q.5(a)	Explain challenges in database design.	[2] 2	2
Q.5(b)	Analyze any three pitfalls to be avoided in database design.	[3] 1	4

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