BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2024)

CLASS: BBA   SEMESTER : V
BRANCH: BBA   SESSION : MO/2024

SUBJECT: MT333 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

----

			CO	BL
Q.1(a)	What is DBMS ? Explain advantages of DBMS.	[2]	1	2
Q.1(b)	Discuss about Data Definition language and Data manipulation language?	[3]	2	2
Q.2(a)	Explain Database Integrity rules.	[2]	2	3
Q.2(b)	Explain about Selection, Projection and Division operations in Relational algebra?	[3]	1	2
Q.3	Define the following terms (i) Key (ii) Super Key (iii) Candidate Key (iv) Primary Key (v) Foreign Key	[5]	2	3
Q.4	What is an ER diagram? Explain different notations used in drawing ER diagram.	[5]	3	2
Q.5	What is functional dependency? Explain Trivial functional dependency and Multivalued functional dependency.	[5]	2	3

::::::25/09/2024::::::M