

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

CLASS: B.TECH
BRANCH: ALL

SEMESTER : V
SESSION : MO/2024

SUBJECT: CS265 DATABASE SYSTEM CONCEPTS

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)	Explain use of the Database management system?	[2] 1	1
Q.1(b)	What is database languages? Explain DDL and DML	[3] 1	1
Q.2(a)	What are the function of DBA?	[2] 1	1
Q.2(b)	What are the different level of data abstraction?	[3]	
Q.3(a)	Explain ER Model?	[2] 2	2
Q.3(b)	Explain types of an entities and an attributes?	[3] 2	2
Q.4(a)	What do you understand by term relational algebra? explain?	[2] 2	3
Q.4(b)	What are the different types of operations use in Relational algebra explain with example?	[3] 2	3
Q.5(a)	Explain functional dependency in dbms?	[2] 2	3
Q.5(b)	Explain 1st ,2nd and 3rd normal form in DBMS?	[3] 2	3

:::27/09/2024 M:::