

Paper Code: IMBA 3401
School of Management, BBD University
Program: IMBA Sem: IV
First Sessional Test Paper Even Sem (2023-24)
Subject: Database Management System

Time: 60 Minutes

Max. Marks: 30

SECTION-A

(This section contains very short answer type questions)

Q. No. 1. Attempt *All parts* of the following: [5*1 = 5]

- a) What is a Database?
- b) Define Schema.
- c) TCL stands for?
- d) Define Entity Set.
- e) What is Cardinality?

SECTION-B

Q.No.2. Attempt *any Two* of the following: [7.5*2 = 15]

- a) What is Key? Elaborate various types of keys used in DBMS with examples.
- b) What is the purpose of DBMS? Explain its advantages and disadvantages
- c) Explain the concept of ER Diagram with all the specifications.
- d) What is Data Architecture? Explain various architecture of DBMS.

SECTION-C

Q. No. 3. Attempt *any One* of the following: [10*1 = 10]

- a) What is Data model? Explain few data models with examples.
- b) What is Data Languages? Elaborate its Types.
- c) What is Data Independence? Explain the types of independency.