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.