GIET UNIVERSITY, GUNUPUR – 765022
B. Tech (Third Semester Regular) Examinations, December – 2023
22BCMPC23001– Data Base Management Systems
(CSE, CSE(AIML),CSE(DS))

Time: 3 hrs

(The figures in the right hand margin indicate marks)

Maximum: 70 Marks

PART – A

Q.1. Answer ALL questions

(2 x 5 = 10 Marks)

		CO #	Blooms Level
a.	List the differences between DROP and DELETE.	CO1	K2
b.	Create a table for Student with following attributes Sid Number, Sname Varchar2, Marks Number and Average Number (3, 2). Enter 5 students detail into it.	CO1	K4
c.	Define Normalization and Explain 2NF.	CO2	K2
d.	How does B-tree differ from a B+ tree? Why B+ tree usually preferred as an access structure to a data file?	CO3	K2
e.	Define Isolation Property with example.	CO4	K2

PART – B

(15 x 4 = 60 Marks)

Answer ALL questions

		Marks	CO #	Blooms Level
2. a.	Discuss about DBMS Users. Explain about DBA and his/her responsibility on DBMS.	8	CO1	K3
b.	Explain the structure of DBMS With neat diagram.	7	CO1	K2
	(OR)			
c.	Draw an ER diagram for Ticket Booking Management System,	8	CO1	K4
d.	Discuss the various disadvantages of file system. Explain how it can be overcome in DBMS.	7	CO1	K2
3.a.	Give the following queries in SQL	8	CO2	K3

   i) To change the column EMPNO NUMBER (4) TO EMPNO NUMBER (6) in Employees table.

   ii) To display name, job, salary of employees whose name is starting with 'B'.

   iiii) To display empno, name, job, salary, location whose salaries not from 10000 to 30000.

   iv) Find the name of the employee working at Mumbai.

		Marks	CO #
b.	Explain about Normalization with its advantages.	7	CO2

(OR)