



(An Autonomous Institution)

Regulations: **A14**

Code No: 4FC03 Date: 02-Aug-zuzz (FN) B.Tech II-Year II- Semester External Examination, July/August - 2022 (Supplementary)

DATA BASE MANAGEMENT SYSTEMS (CSE, IT & ECM)

Time: 3 Hours Max.Marks:70

Note: a) No additional answer sheets will be provided.

b) All sub-parts of a question must be answered at one place only, otherwise it will not be valued.

L3

Evaluate

L5

c) Missing data can be assumed suitably.

L1

Remember

ANSWER ANY 5 OUT OF 8 QUESTIONS. EACH QUESTION CARRIES 14 MARKS. **Bloom's Cognitive Levels of Learning (BCLL)**

Apply

		Remember	L!	Дрріу	LO	Lvaluate	LJ			
		Understand	L2	Analyze	L4	Create	L6			
								ВС	CO(s)	Marks
1.	a)	diagram.						LL L2	CO1	[7M]
	b)							L2	CO1	[7M]
2.	a)) What is view in SQL? Differentiate different types Views and also explain all operations of Views with example.						L4	CO2	[7M]
	b)	Illustrate the different operations in Relational Algebra with the help of an example.							CO2	[7M]
3.	a)	i) ANY ii) IN iii) ALL iv) MINUS						L2	CO3	[8M]
	b)							L1	CO3	[6M]
4.	a)	Define normalization. Demonstrate the difference between 3NF and BCNF with suitable example.						L3	CO4	[7M]
	b)	Define a Function Dependency.		endency. Exp	olain the	types of Fu	ınctional	L2	CO4	[7M]
5.	a)) Interpret the ACID properties of a Data Base Transaction.						L5	CO5	[7M]
0.	b)	· · · · · · · · · · · · · · · · · · ·						L4	CO5	[7M]
6.	a)	example.						L2	CO6	[7M]
	b)							L1	CO6	[7M]
7.	a)	Analyze the respon	sibilities of	DBA.				L4	CO1	[5M]
	b)	Identify any three d			rv kev and f	foreian kev.		L1	CO2	[5M]
	c)	Summarize any fou						L6	CO3	[4M]
8.	a)	What is decomposition?		·		an be caused	by using	L1	CO4	[5M]
	b)	Discuss about case	cade and c	ascade-less sc	hedules.			L2	CO5	[5M]
	c)	Categorize the type	es of storag	ge devices.				L6	CO6	[4M]