

Name: _____						Subject: COMPUTER		Class: 12 th		Time: 80 minutes		Total Marks: 40	
TEST No.T3				MJDexpert.com						Obtained marks			

Syllabus: Computer 2nd Year Ch # 3+4(ICS)

Q.No.1: Tick the right option:

(10*1=10)

1	Which of dependency is removed in 2NF?:			
	Functional	Transitive	Associative	Partial
2	The goal of normalization is to:			
	Get stable data structure	Remove constraints	Increase number of relation	Increase redundancy
3	Which of the following anomalies result from a transitive dependency?:			
	Insertion	Deletion	Modification	All
4	Every relation should have:			
	Primary key	Candidate key	Secondary key	Partial key
5	Different attributes in two different tables having same name are called:			
	Synonym	Homonym	Acronym	Mutually exclusive
6	In relational database, a table is also called:			
	Tuple	Relation	File	Schema
7	Which of the following is basic data distribution strategy?			
	Centralized	Partitioned	Replication	All
8	Organizing the database in computer disk storage is done in:			
	Logical design	Physical design	Implementation	Analysis
9	A disadvantage of partitioning is:			
	Complexity	Inconsistent access speed	Extra space and update time	All
10	An advantage of partitioning is:			
	Efficiency	Extra space	Reliability	Accuracy

PAPER SUBJECTIVE

SECTION-1

Q.No.2: Short Questions:

(7*2=14)

- i. Discuss data integrity and its types.
- ii. Define first NF.
- iii. what is database anomalies? list out its types.
- iv. Define data distribution strategy.
- v. What is synonym?
- vi. What is removed when a relation is converted from 2NF to 3NF?
- vii. Discuss 3NF.

SECTION-II

Q.No.3: Long Question:

(8*2=16)

1. Explain different components of logical model in detail.
2. Define Synonyms, Homonyms, Redundant Information and Mutual Exclusive Data.

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