



Umm AlQura University
Department of Computer Science

Quiz 1
Database 1

الاسم : ----- الرقم الجامعي : -----

Question 1 (2.5 Marks) Choose the correct Answer:

1. In the database model, the main objectives of physical data independence are _____
 - a) Changes in conceptual model do not affect the external views
 - b) Protection of conceptual level from changes at internal level
 - c) Protection of external level from changes at conceptual level
 - d) None of the above
2. The ongoing cost is one of the _____ disadvantages.
 - a) Database
 - b) File-based system
 - c) Data model
 - d) None of the above
3. _____ is responsible for coordinating and monitoring the overall activities of the database
 - a) End User
 - b) Network Administrator
 - c) Database Administrator
 - d) None of the above
4. In the database model, the internal level or view is concern about _____
 - a) The DBMS chooses type of data structure
 - b) The Layout of data on storage device
 - c) The Internal record structure
 - d) All of the above
5. _____ is an overall logical view of the data and relationships between data in a database
 - a) DBMS
 - b) Database Schema
 - c) Database state
 - d) Object Oriented Database Model

Question 2 (2.5 Marks) : Read the following words carefully and write the appropriate word in front of the corresponding statement in the bellow table.

Note: Writing multiple words in the same cell would be consider wrong answer.

1. Entity
2. Metadata
3. Information
4. DBMS
5. Database
6. Data Abstraction
7. Data Model
8. Network Database Model
9. Program-data independence.
10. Business Rules
11. Relational Data Model
12. Database System

Statement	Matching word
1. Anything tangible/non-tangible about which data are to be captured and stored.	1
2. A set of concepts to describe the structure of a database, the operations for manipulating these structures, and certain constraints that the database should obey.	7
3. Allows changing data structures and storage organization without having to change the DBMS access programs.	9
4. The DBMS software together with the data itself. Sometimes, the applications are also included.	12
5. Helps DB designers identifying entities, attributes, relationships and constraints.	10