Yan

Gu

yg369

Start

Time:

14:09

End

Time:

14:21

**CS527
- Quiz
#1**

1. An external data model is also called a _____.

- ○ Schema
- ○ Table
- ○ Column
- ○ Catalog
- ⦿ View
- ○ Entity

2. _____ is a numerical attribute with patterns.

- ○ Gender
- ○ Height
- ○ Heart Rate
- ⦿ Heart Sound
- ○ Date of Birth
- ○ NULL

3. A description of data in terms of a data model is called a schema.

Where does DBMS save its schemas?

- ⦿ Catalog
- ○ Schema
- ○ Log
- ○ Lock
- ○ Buffer
- ○ ER Diagram

✔ 4. These are the main benefits of using DBMS EXCEPT _____.

- ○ Data Integrity
- ○ Data Security
- ○ Cuncurrent Access
- ⦿ Artificial Intelligence
- ○ Efficient Data Manipulation
- ○ Crash Recovery

✔ 5. Information about the conceptual, external and physical schemas is stored in the system _____.

- ○ Logs
- ○ Locks
- ○ Views
- ○ Triggers
- ⦿ Catalog
- ○ Schema

✔ 6. _____ represents the data in the database at a moment.

- ○ Database model
- ○ Database Catalog
- ⦿ Database State
- ○ Data Model
- ○ Data Integrity
- ○ Database Query

✔   7. A _____ is a mechanism used to control access to database objects.

    ○ Encryption
    ◉ Lock
    ○ Log
    ○ Constraint
    ○ Catalog
    ○ Password

✔   8. A DBMS must insure that the changes made by incomplete transactions are removed from the database. To do so, DBMS maintains a _____ of all writes to the databases

    ○ Encryption
    ○ Lock
    ◉ Log
    ○ Constraint
    ○ Catalog
    ○ Password

✔   9. When would you **not** store data in RDBMS?

    ○ A university with a collection of data on students, professors and courses.
    ○ An insurance company with a collection of data to be used for a credit scoring model.
    ○ A hospital with a collection of data on patients, doctors and clinics.
    ◉ A company with a collection of 1 billion web pages.
    ○ An online store with a collection of data on customers, products, and employees.
    ○ None of the above

✔   10. A _____ is any one execution of a user program in a DBMS.

◎ **Transaction**
○ Query
○ View
○ Function
○ Log
○ Lock

✔ 11. RDBMS stands for?

○ Relationship Database Management Structure
○ Relational Data Management System
○ Related Database Management System
○ Relational Database Managed System
○ Relational Database Management Software
◎ **Relational Database Management System**

✔ 12. Which data type is not valid?

○ Integer
○ Character
○ Date/Time
○ Boolean
○ Binary
◎ **Class**

Correct = 12 of 12 (100%)