



Quiz Submissions - Quiz 1

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Attempt 1

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Submission View

Your quiz has been submitted successfully.

Question 1

1 / 1 point

Repetition of same information at multiple places can cause _____.

Answer: Redundancy  (Data redundancy)

Question 2

1 / 1 point

Which system was used to store data on computers decades ago?

Answer: File system  (File-based system)

Question 3

1 / 1 point

What is the database property in which transaction involves two or more discrete pieces of information, either all of the pieces are committed or none are?

- a) Consistency
- b) Isolation
- c) Atomicity
- d) None of the above

Question 4**1 / 1 point**

One of the disadvantages of a having file-based system is having same information at multiple places, this case is called?

Answer: Redundancy ✘ **(Data redundancy)**

Question 5**1 / 1 point**

The acronym A.C.I.D stands for?

Answer: Atomicity, consistency, isolation, durability ✘ **(Atomicity Consistency Isolation Durability)**

Question 6**1 / 1 point**

The acronym DBMS stand for?

Answer: Database management system ✔

Question 7**1 / 1 point**

Name two commercial based DBMS.

Oracle and MySQL

The correct answer is not displayed for Written Response type questions.

Question 8**1 / 1 point**

What represents logical relationships and relationships and constraints that determine how data will flow, get stored and accessed?

Answer: Logical data model ✘ **(Data model)**

Question 9**0 / 1 point**

Name three main components of data model.

Entities, relationships and constraints

The correct answer is not displayed for Written Response type questions.

Question 10

1 / 1 point

Name three types of data models.

Conceptual, logical and physical

The correct answer is not displayed for Written Response type questions.

Question 11

0 / 1 point

Which data model part defines the set of rules that define how a database will be constructed?

Answer: Physical **✘ (Structural part)**

Question 12

0 / 1 point

Which rules that ensure data in the database is accurate and without redundancy.

Answer: Consistency **✘ (Integrity rules)**

Question 13

1 / 1 point

_____ is the process of creating a data model for the data to be stored in a Database.

- a) Data Abstraction
- b) Data Modelling
- c) Data Handling
- d) Data Addition

Question 14

1 / 1 point

The process of hiding irrelevant details and information from the user to ease user interaction with the database.

Answer: Data abstraction ✓

Question 15 0 / 1 point

A logical representation of the database which is usually represented by the entity relationship diagram (ERD).

Answer: Logical data model ✗ (Database Schema)

Question 16 0 / 1 point

The independence where a database system contains a large amount of data and as the amount of data grows complexity increases is called?

Answer: Network database ✗ (Data Independence)

Question 17 1 / 1 point

Name the data model where the information is represented in the form of objects.

Answer: Object oriented database ✗ (Object-oriented models)

Question 18 1 / 1 point

Select any type of distributed database systems.

- ➔ a) Centralized Systems
- ➔ b) Distributed Database Systems
- ✓ c) Heterogeneous Database Systems
- ➔ d) Homogeneous Database Systems

Question 19 1 / 1 point

The DBMS and database are stored at a single system and other systems access the single system this kind of distribution system is called?

Answer: Centralized Database System ✘ (Centralized Systems)

Question 20

0 / 1 point

In what kind of independence, the view of the end users remains the same even after doing modifications.

Answer: Data abstraction ✘ (Logical Data Independence)

Question 21

1 / 1 point

This database system supports the single user at a single time.

- a) Multi-user
- b) Single-user
- c) Triple-user
- d) Double-user

Question 22

1 / 1 point

What does SQL stand for?

Answer: Structured Query Language ✓

Question 23

0 / 1 point

_____ is a part of the table which store data in an organized way.

Answer: Record ✘ (Column)

Question 24

1 / 1 point

What is the other name for record?

Answer: Tuple ✓

Question 25**0 / 1 point**

A _____ is used to uniquely identify a single row of data.

Answer: Key **✘** (Primary key)

Question 26**0 / 1 point**

_____ Relation **✘** (Regular) tables contain standard data while
_____ index **✘** (reference) tables are used to hold static data.

Question 27**0 / 1 point**

A collection of entities of the same entity type is called:

Answer: Entity class **✘** (Entity set)

Question 28**1 / 1 point**

The attributes that have multiple values for a single entity are called:

Answer: Multi valued attributes **✘** (Multivalued attribute)

Question 29**1 / 1 point**

_____ is a relationship between tables where the primary key contains the foreign key.

Answer: Identifying relationship **✓**

Question 30**1 / 1 point**

_____ is a relationship between tables where the primary key does not contain the foreign key.

Answer: Non-identifying relationship **✓**

Question 31**1 / 1 point**

_____ datatype has fixed length.



a) CHAR



b) VARCHAR



c) Text



d) VAR

Question 32

0 / 1 point

The number of entities set in a relationship is called:

Answer: Cardinality **✘** (Degree of relationship)

Question 33

1 / 1 point

_____ datatype contains both date and time.

Answer: Datetime **✘** (Timestamp)

Question 34

1 / 1 point

_____ Attributes have a single value.

Answer: Simple **✔**

Question 35

0 / 1 point

_____ Attributes don't have a hierarchy.

Answer: Simple **✘** (Multivalued)

Done

