In-class Exercise 1 - Summer 2022

Due Jul 12 at 11:59pm **Points** 30 **Questions** 30
Available until Jul 12 at 11:59pm **Time Limit** 90 Minutes

This quiz was locked Jul 12 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	57 minutes	28 out of 30

Score for this quiz: **28** out of 30
Submitted Jul 12 at 12:37pm
This attempt took 57 minutes.

Question 1 1 / 1 pts

Course(course_id,sec_id,semester)

Here the course_id,sec_id and semester are _____ and course is a _____

Correct!

- ⦿ Attributes, Relation

- ○ Tuple, Attributes

- ○ Relations, Attribute

- ○ Tuple, Relation

Question 2 1 / 1 pts

The term _____ is used to refer to a row.

Correct!

- ◉ Tuple

- ○ Instance

- ○ Attribute

- ○ Field

Question 3

1 / 1 pts

_____ is a collection of related data.

- ○ Valuable information

- ○ Information

- ○ Metadata

Correct!

- ◉ Database

Question 4

1 / 1 pts

A _____ in a table represents a relationship among a set of values.

- ○ Entry

Correct!

- ◉ Row

- ○ Column

○ Key

Question 5   1 / 1 pts

Correct!

Which of the following is not necessarily involved in DBMS?

◉ HTML

○ Data

○ End Users

○ Application Request

Question 6   1 / 1 pts

A characteristic of an entity is a/an _____.

○ Relation

Correct!

◉ Attribute

○ Constraint

○ Parameter

Question 7   1 / 1 pts

Which denotes the restrictions placed on the data?

○ Parameter

○ Attribute

Correct!

◉ Constraint

○ Relation

Question 8   1 / 1 pts

Which of the following discussion on Views in databases in NOT True?

○ They contains virtual data.

○ They are subsets of the database.

○ They are derived from the database files

Correct!

◉ They are explicitly stored.

Question 9   1 / 1 pts

Which one of the following is a set of one or more attributes taken collectively to uniquely identify a record?

Correct!

◉ Super key

○ Foreign key

○ Tuple

○ Tables

Question 10   1 / 1 pts

DBMS is a set of _____ to access the data.

○ Information

○ HTMLs

Correct!

◉ Programs

○ Metadata

Question 11   1 / 1 pts

Which kind of data model describes the details of how data is stored on computer storage media?

○ User

○ Conceptual

○ Representational

Correct!

◉ Physical

Question 12   1 / 1 pts

Which of the following represents the actual content in the database at a particular point?

○ Parameter

○ Attribute

Correct!   ● State

○ Schema

Question 13   0 / 1 pts

Which of the following statements about keys is true?

○ All super keys are candidate keys

○ All candidate keys are foreign keys

ou Answered   ● All foreign keys are candidate keys

orrect Answer   ○ All candidate keys are super keys

Question 14   1 / 1 pts

Which of the following levels in the Three-Schema Architecture describes the physical storage structure of the database?

○ Conceptual Level

○ External Level

Correct!

◉ Internal Level

○ Core Level

Question 15   1 / 1 pts

Which of the following data is NOT a part of metadata?

○ The list of all tables in the database

○ The list of all users in the database.

○ Database definition or descriptive information

Correct!

◉ The contents of a specific table in the database

Question 16   0 / 1 pts

A super key is also a candidate key under what condition?

○ No futher condition needed; A super key is always a candidate key

rrect Answer

○ No proper subset of that super key is a super key

ou Answered

◉ All subsets of that super key are super keys

○ Some subset of that super key are super keys

Question 17

1 / 1 pts

Which of the followings is NOT a part of the duties of the Database administrators?

- ○ Coordinating and monitoring its use

Correct!

- ◉ Design SQL queries per Users' request

- ○ Authorizing access to the database

- ○ Acquiring software and hardware resources

Question 18

1 / 1 pts

Database designers are responsible of _____?

- ○ Making sure the database is up and running

Correct!

- ◉ Choosing appropriate structures to represent and store the data

- ○ Design SQL queries per Users' request

- ○ Roll back database in case of a transaction failure.

Question 19

1 / 1 pts

The DBMS approach does **NOT** provide advantage in performing which of the following action?

Correct!

○ Simplifying the SQL Language

○ Restricting unauthorized access

○ Providing storage structures and search techniques for efficient query processing

○ Controlling redundancy

Question 20   1 / 1 pts

Which of the following is **NOT** a part of DBMS Languages?

Correct!

◉ Table definition language

○ Storage definition language

○ Data manipulation language

○ View definition language

Question 21   1 / 1 pts

High-level DML is also called _____ DML.

○ procedural

Correct!

◉ nonprocedural

○ object-oriented

○ virtual

Question 22   1 / 1 pts

The degree of a relation indicates _____.

○ Number of Foreign Keys in the relation.

○ Number of Keys in the relation

Correct!   ⦿ Number of attributes in its relation schema

○ Number of Tuples in the relation

Question 23   1 / 1 pts

The tuples of the relations can be of _____ order.

○ Same

○ Sorted

Correct!   ⦿ Any

○ Constant

Question 24   1 / 1 pts

How many candidate key(s) can a single relation possess?

- ○ Only one

Correct!

- ◉ More than one

Question 25   1 / 1 pts

What happens if an insertion that violates one or more constraints is performed?

- ○ The database crushes

- ○ The corresponding table will be dropped from the database

Correct!

- ◉ The insertion will be rejected

- ○ The data will be inserted with a warning attached

Question 26   1 / 1 pts

Which of the followings is **NOT** a type of constraint?

- ○ Referential integrity

- ○ Transition

Correct!

- ◉ User integrity

- ○ Entity integrity

Question 27   1 / 1 pts

Schema-based constraints are also called _____?

Correct!

○ Business rules

◉ Explicit constraints

○ Semantic constraints

○ Application-based constraints

Question 28   1 / 1 pts

A _____ is a property of the entire relation, which specifies uniqueness of a tuple.

Correct!

○ Fields

◉ Key

○ Attribute

○ Row

Question 29   1 / 1 pts

Judging from their names, which of the following attributes is most possibly suitable to be taken as a primary key?

○ Street

○ Department

○ Name

Correct!   ◉ Id

Question 30   1 / 1 pts

Judging from their names, which of the following attributes is most possibly NOT suitable to be taken as a primary key?

Correct!   ◉ City

○ Id

○ DriverLicenseNo

○ SSN

Quiz Score: **28** out of 30