

17 Lecture - CS101

Important Mcqs

1. Which of the following is a popular database management system?

- A) MySQL
- B) Photoshop
- C) Microsoft Word
- D) Google Chrome

Answer: A) MySQL

2. Which of the following is not a type of database model?

- A) Relational model
- B) Object-oriented model
- C) Hierarchical model
- D) Sequential model

Answer: D) Sequential model

3. Which of the following is a type of join in SQL?

- A) Standalone join
- B) Inner join
- C) Random join
- D) Dynamic join

Answer: B) Inner join

4. Which of the following SQL statements is used to create a new table?

- A) INSERT INTO
- B) DELETE FROM
- C) CREATE A TABLE
- D) UPDATE

Answer: C) CREATE TABLE

5. What is the purpose of a primary key in a table?

- A) To ensure data consistency
- B) To enforce data validation rules
- C) To uniquely identify each record in the table
- D) To prevent unauthorized access to the table

Answer: C) To uniquely identify each record in the table

6. **Which of the following is a characteristic of a database transaction?**

- A) It must be committed before it can be rolled back
- B) It must be rolled back before it can be committed
- C) It must be both committed and rolled back at the same time
- D) It must be committed or rolled back based on user input

Answer: A) It must be committed before it can be rolled back

7. **What is the purpose of the WHERE clause in an SQL query?**

- A) To specify the order in which the results should be displayed
- B) To specify the columns to be displayed in the results
- C) To filter the results based on a condition
- D) To group the results based on a common attribute

Answer: C) To filter the results based on a condition

8. **Which of the following is a type of data inconsistency that can occur in a database?**

- A) Primary key inconsistency
- B) Foreign key inconsistency
- C) Data type inconsistency
- D) All of the above

Answer: D) All of the above

9. **Which of the following is not a commonly used database model?**

- A) Relational model
- B) Object-oriented model
- C) Hierarchical model
- D) Circular model

Answer: D) Circular model

10. **Which of the following SQL statements is used to modify data in a table?**

- A) INSERT INTO
- B) DELETE FROM
- C) ALTER TABLE
- D) UPDATE

Answer: D) UPDATE