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1. _____ in SQL table is used to uniquely identify individual rows of a given table.

Options:

- a) NOT NULL constraints
- b) Primary key column
- c) Foreign key column
- d) Secondary key column

Correct option: b) Primary key column

2. _____ is not a DML command.

Options:

- a) UPDATE
- b) INSERT
- c) SELECT
- d) CREATE

Correct option: d) CREATE

3. Which of the following is the correct syntax for inserting some values into the employee table?

Options:

- a) INSERT into employee COLUMN (col1, col2, col3) VALUES (val1, val2, val3)
- b) INSERT into (col1, col2, col3) VALUES (val1, val2, val3)

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c) INSERT into employee (col1, col2, col3), (val1, val2, val3)

d) INSERT into employee (col1, col2, col3) VALUES (val1, val2, val3)

Correct option: d) INSERT into employee (col1, col2, col3) VALUES (val1, val2, val3)

4. A relation is in third normal form if _____.

Options:

a) It is already in second normal form

b) It has a transitive dependency

c) It has a partial dependency

d) It has multivalued attributes

Correct option: a) It is already in second normal form

5. Which of the following is NOT related to the basic SELECT statement?

Options:

a) SELECT

b) NOT NULL

c) WHERE

d) FROM

Correct option: b) NOT NULL

6. A transitive dependency occurs when _____.

Options:

a) Part of the key is dependent on key attribute

b) Non-key attribute is dependent on another non-key attribute

c) Primary key attribute is dependent on non-key attribute

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d) Non-key attribute is not dependent on another non-key attribute

Correct option: b) Non-key attribute is dependent on another non-key attribute

7. INSERT INTO statement is used to enter values into _____.

Options:

a) Only particular column

b) All columns

c) Not null columns only

d) Key value columns only

Correct option: b) All columns

8. If a relation is not in third normal form, then anomalies are due to _____.

Options:

a) Reflexive dependency

b) Full functional dependency

c) Transitive dependency

d) Partial dependency

Correct option: d) Partial dependency

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