

الكلية : هندسة الحاسوب والمعلوماتية

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### Q1) Choose the correct answer (50 m):

1) In relational databases, normalization is used to: (v30)

- A) Eliminate data redundancy
- B) Create more tables
- C) Increase data access speed
- D) Reduce indexing

2) A FOREIGN KEY in one table points to a \_\_\_\_\_ in another table. (v27)

- A) PRIMARY KEY
- B) FOREIGN KEY
- C) UNIQUE KEY
- D) ALTERNATE KEY

3) Which command is used to remove all records from a table in SQL? (v33)

- A) DELETE
- B) REMOVE
- C) DROP
- D) CLEAR

4) Which SQL function is used to count the number of rows in a SQL query? (v48)

- A) COUNT()
- B) SUM()
- C) TOTAL()
- D) NUMBER()

5) A FOREIGN KEY in one table points to a \_\_\_\_\_ in another table. (v47)

- A) PRIMARY KEY
- B) FOREIGN KEY
- C) UNIQUE KEY
- D) ALTERNATE KEY

6) What does SQL stand for? (v11)

- A) Structured Query Language
- B) Strong Question Line
- C) Simple Query Language
- D) Structured Question Language

7) What is a primary key in a database? (v34)

- A) A unique identifier for each record
- B) A duplicate value for each record

8) Which SQL function is used to count the number of rows in a SQL query? (v28)

- A) COUNT()
- B) SUM()

- C) An optional field
- D) A calculated field

- C) TOTAL()
- D) NUMBER()

**9) In relational databases, normalization is used to: (v40)**

- A) Eliminate data redundancy
- B) Create more tables
- C) Increase data access speed
- D) Reduce indexing

**10) In relational databases, normalization is used to: (v50)**

- A) Eliminate data redundancy
- B) Create more tables
- C) Increase data access speed
- D) Reduce indexing

**11) In SQL, which keyword is used to sort the result-set? (v16)**

- A) ORDER BY
- B) SORT
- C) GROUP BY
- D) ARRANGE

**12) What does SQL stand for? (v41)**

- A) Structured Query Language
- B) Strong Question Line
- C) Simple Query Language
- D) Structured Question Language

**13) In SQL, which keyword is used to sort the result-set? (v36)**

- A) ORDER BY
- B) SORT
- C) GROUP BY
- D) ARRANGE

**14) In relational databases, normalization is used to: (v20)**

- A) Eliminate data redundancy
- B) Create more tables
- C) Increase data access speed
- D) Reduce indexing

**15) Which SQL statement is used to create a new table? (v19)**

- A) CREATE TABLE
- B) NEW TABLE
- C) MAKE TABLE
- D) ADD TABLE

**16) Which SQL statement is used to extract data from a database? (v2)**

- A) SELECT
- B) GET
- C) EXTRACT
- D) OPEN

**17) Which command is used to remove all records from a table in SQL? (v13)**

- A) DELETE
- B) REMOVE
- C) DROP
- D) CLEAR

**18) Which clause is used in SQL to filter the records? (v45)**

- A) WHERE
- B) HAVING
- C) ORDER
- D) GROUP

**19) In SQL, which keyword is used to sort the result-set? (v6)**

- A) ORDER BY
- B) SORT
- C) GROUP BY
- D) ARRANGE

**21) Which SQL statement is used to create a new table? (v39)**

- A) CREATE TABLE
- B) NEW TABLE
- C) MAKE TABLE
- D) ADD TABLE

**23) Which SQL statement is used to create a new table? (v29)**

- A) CREATE TABLE
- B) NEW TABLE
- C) MAKE TABLE
- D) ADD TABLE

**25) What does SQL stand for? (v1)**

- A) Structured Query Language
- B) Strong Question Line
- C) Simple Query Language
- D) Structured Question Language

**27) What does SQL stand for? (v31)**

- A) Structured Query Language
- B) Strong Question Line
- C) Simple Query Language
- D) Structured Question Language

**29) Which clause is used in SQL to filter the records? (v15)**

- A) WHERE

**20) In SQL, which keyword is used to sort the result-set? (v26)**

- A) ORDER BY
- B) SORT
- C) GROUP BY
- D) ARRANGE

**22) What is a primary key in a database? (v44)**

- A) A unique identifier for each record
- B) A duplicate value for each record
- C) An optional field
- D) A calculated field

**24) Which SQL statement is used to extract data from a database? (v32)**

- A) SELECT
- B) GET
- C) EXTRACT
- D) OPEN

**26) Which SQL statement is used to extract data from a database? (v12)**

- A) SELECT
- B) GET
- C) EXTRACT
- D) OPEN

**28) Which SQL function is used to count the number of rows in a SQL query? (v38)**

- A) COUNT()
- B) SUM()
- C) TOTAL()
- D) NUMBER()

**30) A FOREIGN KEY in one table points to a \_\_\_\_\_ in another table. (v17)**

- A) PRIMARY KEY

- B) HAVING
- C) ORDER
- D) GROUP

- B) FOREIGN KEY
- C) UNIQUE KEY
- D) ALTERNATE KEY

**31) Which SQL function is used to count the number of rows in a SQL query? (v8)**

- A) COUNT()
- B) SUM()
- C) TOTAL()
- D) NUMBER()

**32) What is a primary key in a database? (v24)**

- A) A unique identifier for each record
- B) A duplicate value for each record
- C) An optional field
- D) A calculated field

**33) Which command is used to remove all records from a table in SQL? (v3)**

- A) DELETE
- B) REMOVE
- C) DROP
- D) CLEAR

**34) What is a primary key in a database? (v14)**

- A) A unique identifier for each record
- B) A duplicate value for each record
- C) An optional field
- D) A calculated field

**35) Which SQL statement is used to create a new table? (v49)**

- A) CREATE TABLE
- B) NEW TABLE
- C) MAKE TABLE
- D) ADD TABLE

**36) Which SQL statement is used to extract data from a database? (v22)**

- A) SELECT
- B) GET
- C) EXTRACT
- D) OPEN

**37) Which command is used to remove all records from a table in SQL? (v23)**

- A) DELETE
- B) REMOVE
- C) DROP
- D) CLEAR

**38) A FOREIGN KEY in one table points to a \_\_\_\_\_ in another table. (v7)**

- A) PRIMARY KEY
- B) FOREIGN KEY
- C) UNIQUE KEY
- D) ALTERNATE KEY

**39) Which clause is used in SQL to filter the records? (v35)**

- A) WHERE
- B) HAVING
- C) ORDER
- D) GROUP

**40) In relational databases, normalization is used to: (v10)**

- A) Eliminate data redundancy
- B) Create more tables
- C) Increase data access speed
- D) Reduce indexing

**41) Which SQL statement is used to create a new table? (v9)**

- A) CREATE TABLE
- B) NEW TABLE
- C) MAKE TABLE
- D) ADD TABLE

**43) Which clause is used in SQL to filter the records? (v25)**

- A) WHERE
- B) HAVING
- C) ORDER
- D) GROUP

**45) Which clause is used in SQL to filter the records? (v5)**

- A) WHERE
- B) HAVING
- C) ORDER
- D) GROUP

**47) What is a primary key in a database? (v4)**

- A) A unique identifier for each record
- B) A duplicate value for each record
- C) An optional field
- D) A calculated field

**49) A FOREIGN KEY in one table points to a \_\_\_\_\_ in another table. (v37)**

- A) PRIMARY KEY
- B) FOREIGN KEY
- C) UNIQUE KEY
- D) ALTERNATE KEY

**42) Which SQL function is used to count the number of rows in a SQL query? (v18)**

- A) COUNT()
- B) SUM()
- C) TOTAL()
- D) NUMBER()

**44) Which command is used to remove all records from a table in SQL? (v43)**

- A) DELETE
- B) REMOVE
- C) DROP
- D) CLEAR

**46) In SQL, which keyword is used to sort the result-set? (v46)**

- A) ORDER BY
- B) SORT
- C) GROUP BY
- D) ARRANGE

**48) What does SQL stand for? (v21)**

- A) Structured Query Language
- B) Strong Question Line
- C) Simple Query Language
- D) Structured Question Language

**50) Which SQL statement is used to extract data from a database? (v42)**

- A) SELECT
- B) GET
- C) EXTRACT
- D) OPEN

