Syrian Private University

الجامعة السورية الخاصة

SPU

الكلية : هندسة الحاسوب والمعلوماتية

المادة : تحليل رياضي

اسم مدرس المادة: د.عمار دركل

اسم الطالب : ....

رقم الطالب : ....

الفصل الدراسي: الأول 2025/2026

Q1) Choose the correct answer (41 m):

1) Which clause is used in SQL to filter the records? (v45)
   A) WHERE
   B) HAVING
   C) ORDER
   D) GROUP

2) What does SQL stand for? (v11)
   A) Structured Query Language
   B) Strong Question Line
   C) Simple Query Language
   D) Structured Question Language

3) Which SQL function is used to count the number of rows in a SQL query? (v8)
   A) COUNT()
   B) SUM()
   C) TOTAL()
   D) NUMBER()

4) Which SQL function is used to count the number of rows in a SQL query? (v38)
   A) COUNT()
   B) SUM()
   C) TOTAL()
   D) NUMBER()

5) Which command is used to remove all records from a table in SQL? (v13)
   A) DELETE
   B) REMOVE
   C) DROP
   D) CLEAR

6) 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

7) 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

8) In SQL, which keyword is used to sort the result-set? (v16)
   A) ORDER BY
   B) SORT
   C) GROUP BY

D) ARRANGE

9) Which SQL statement is used to extract data from a database? (v42)
   A) SELECT
   B) GET
   C) EXTRACT
   D) OPEN

10) Which command is used to remove all records from a table in SQL? (v43)
   A) DELETE
   B) REMOVE
   C) DROP
   D) CLEAR

11) Which SQL statement is used to extract data from a database? (v32)
   A) SELECT
   B) GET
   C) EXTRACT
   D) OPEN

12) In SQL, which keyword is used to sort the result-set? (v26)
   A) ORDER BY
   B) SORT
   C) GROUP BY
   D) ARRANGE

13) 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

14) Which clause is used in SQL to filter the records? (v35)
   A) WHERE
   B) HAVING
   C) ORDER
   D) GROUP

15) In SQL, which keyword is used to sort the result-set? (v46)
   A) ORDER BY
   B) SORT
   C) GROUP BY
   D) ARRANGE

16) Which command is used to remove all records from a table in SQL? (v3)
   A) DELETE
   B) REMOVE
   C) DROP
   D) CLEAR

17) 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

18) Which SQL statement is used to extract data from a database? (v12)
   A) SELECT
   B) GET
   C) EXTRACT
   D) OPEN

19) Which SQL function is used to count the

20) Which clause is used in SQL to filter the

number of rows in a SQL query? (v48)

   A) COUNT()

   B) SUM()

   C) TOTAL()

   D) NUMBER()

records? (v5)

   A) WHERE

   B) HAVING

   C) ORDER

   D) GROUP

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

   A) Eliminate data redundancy

   B) Create more tables

   C) Increase data access speed

   D) Reduce indexing

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

   A) ORDER BY

   B) SORT

   C) GROUP BY

   D) ARRANGE

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

   A) SELECT

   B) GET

   C) EXTRACT

   D) OPEN

24) What does SQL stand for? (v41)

   A) Structured Query Language

   B) Strong Question Line

   C) Simple Query Language

   D) Structured Question Language

25) What does SQL stand for? (v31)

   A) Structured Query Language

   B) Strong Question Line

   C) Simple Query Language

   D) Structured Question Language

26) 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

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

   A) COUNT()

   B) SUM()

   C) TOTAL()

   D) NUMBER()

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

   A) A unique identifier for each record

   B) A duplicate value for each record

   C) An optional field

   D) A calculated field

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

   A) ORDER BY

   B) SORT

   C) GROUP BY

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

   A) WHERE

   B) HAVING

   C) ORDER

D) ARRANGE

D) GROUP

31) In relational databases, normalization is used to: (v20)
  A) Eliminate data redundancy
  B) Create more tables
  C) Increase data access speed
  D) Reduce indexing

32) What does SQL stand for? (v21)
  A) Structured Query Language
  B) Strong Question Line
  C) Simple Query Language
  D) Structured Question Language

33) Which clause is used in SQL to filter the records? (v15)
  A) WHERE
  B) HAVING
  C) ORDER
  D) GROUP

34) In relational databases, normalization is used to: (v30)
  A) Eliminate data redundancy
  B) Create more tables
  C) Increase data access speed
  D) Reduce indexing

35) What does SQL stand for? (v1)
  A) Structured Query Language
  B) Strong Question Line
  C) Simple Query Language
  D) Structured Question Language

36) Which command is used to remove all records from a table in SQL? (v33)
  A) DELETE
  B) REMOVE
  C) DROP
  D) CLEAR

37) Which SQL function is used to count the number of rows in a SQL query? (v18)
  A) COUNT()
  B) SUM()
  C) TOTAL()
  D) NUMBER()

38) Which SQL statement is used to extract data from a database? (v2)
  A) SELECT
  B) GET
  C) EXTRACT
  D) OPEN

39) Which command is used to remove all records from a table in SQL? (v23)
  A) DELETE
  B) REMOVE
  C) DROP
  D) CLEAR

40) In relational databases, normalization is used to: (v50)
  A) Eliminate data redundancy
  B) Create more tables
  C) Increase data access speed
  D) Reduce indexing

41) In relational databases, normalization is

used to: (v40)

   A) Eliminate data redundancy

   B) Create more tables

   C) Increase data access speed

   D) Reduce indexing