MCQ Based On
Unit 2 SQL

1.
Which of the following are some common RDBMS in use?
Oracle
MySQL
HeidiSQL
All of the above

2.
What command is used to create a new table in SQL?
CREATE TABLE
BUILD TABLE
GENERATE TABLE
None of the above

3.
What does the following statement in SQL do?
DROP TABLE student;
Deletes a table called student.
Creates a table called student.
Check if there is a table called student.
None of the above.

4.
Which of the following are types of Unicode character string types in SQL?
nchar
ntext
Both A and B
None of the above

5.
What does BLOB in SQL stand for?
Binary Large Objects
Big Large Objects
Binary Language for Objects
None of the above

6.
Which of the following datatype is most appropriate for storing a string of up to 255 characters?
TEXT
TINY TEXT
BLOB
BINARY

Hide

7.

What happens when no value is inserted in an ENUM list?

Nothing happens

The code will crash

A blank value is inserted in that case

None of the above

8.

What is the range of integers that can be held in the MEDIUMINT datatype of SQL?

Signed numbers in the range of -8388608 to 8388607.

Unsigned numbers in the range of 0 to 16777215.

Both A and B.

None of the above.

9.

What does the following code snippet do?

ALTER TABLE STUDENT **ADD**(ADDRESS VARCHAR2(20));

Adds a column called ADDRESS in the table student.

Checks if a column called ADDRESS is present in the table student.

Invalid Syntax

None of the above

10.

Which of the following commands is used to delete all rows and free up space from a table?

TRUNCATE

DROP

DELETE

ALTER

11.

Which of the following commands are a part of Data Control Language?

Revoke

Grant

Both A and B

None of the above

12.

What does the following code snippet do?

DELETE FROM STUDENTS

WHERE AGE = 16;

ROLLBACK;

Performs an undo operation on the delete operation.

Deletes the rows from the table where AGE = 16

Deletes the entire table

None of the above

13.

When is the wildcard in WHERE clause used?
An exact match is necessary for a CREATE statement.
An exact match is not possible in a SELECT statement.
An exact match is necessary for a SELECT statement.
None of the above.

14.
Which of the following is the full form of DDL?
Data definition language
Data derivation language
Dynamic data language
Detailed data language

15.
Which SQL constraint do we use to set some value to a field whose value has not been added explicitly?
UNIQUE
NOT NULL
DEFAULT
CHECK

16.
What are rows of a relation known as?
Degree
Entity
Tuple
None

17.
During transaction before commit which of the following statements is done automatically in case of shutdown?
Rollback
Commit
View
Flashback

18.
Which of the following allows you to uniquely identify a tuple?
Schema
Attribute
Super key
Domain

19.
How many operations are considered to be the most basic SQL operations?
4
3
2

20.
Which of the following is not a SQL command?
DELETE
ORDER BY
SELECT
WHERE

21.
What does the following code snippet do?
SELECT TOP 5 * **FROM** students;
Select the top 5 entries for all the columns in the students' table.
Select all the entries from the students' table other than the top 5 entries
Selects all entries from the student table except 5 random rows
None of the above

22.
Which of the following matches the definition given below: It is an artificial key that aims to uniquely identify each record.
Primary Key
Foreign Key
Surrogate Key
Composite Key

23.
Which of the following commands are used to put a restriction on the number of rows returned from a query?
LIMIT
LIKE
WHERE
GROUP BY

24.
Which of the following are valid logical operators in SQL?
SOME
ALL
AND
All of the above

25.
Which of the following SQL functions compares the similarities of 2 strings and returns the result as a 4 character code?
SOUNDEX
DIFFERENCE
CONCAT
None of the above

26.
To select some particular columns, which of the following commands is used?
PROJECTION
SELECTION
JOIN
UNION

27.
Primary key can be?
NULL
NOT NULL
Both NULL and NOT NULL
Depends on situation

28.
Select the valid SQL type.
NUMERIC
CHARACTER
FLOAT
All of the above

29.
Which of the following functions do we use to get a specified day of the month for a given date?
DAY
DATEPART
GETDATE
CURRENT_TIMESTAMP

30.
Which of the following operators is used to compare a value to a list of literal values that have been specified?
ANY
BETWEEN
IN
ALL

31.
What is a table joined with itself called?
Join
Self-join
Outer join
None of the above

32.
NATURAL JOIN can also be termed as -
Combination of Union and cartesian product

Combination of Selection and cartesian product
Combination of Projection and cartesian product
None of the above

33.
Which of the following commands is used to delete a trigger in SQL?
DROP
DELETE
ALTER
None of the above
34.
How can we view all the triggers currently in the database?
SHOW
VIEW
READ
None of the above

35.
Which of the following is known as the minimal super key?
Primary key
Foreign key
Candidate key
None of the above

36.
Select the correct foreign key constraint?
Referential integrity
Entity integrity
Domain integrity
None of the above

37.
What is NOLOCK in SQL equivalent to?
WRITE UNCOMMITTED
READ COMMITTED
WRITE COMMITTED
READ UNCOMMITTED

38.
Which of the following can replace the below query?
SELECT Name, ID
FROM Student, Courses
WHERE Student_ID = Courses_ID;
Select Name,ID from Courses,Student where Student_ID = ID;
Select Name, ID from Student natural join Courses;
Select Name, ID from Student;
Select ID from Student join Courses;

39.
What will be the output of the following code snippet?
SELECT ROUND (**TRUNCATE** (MOD (2500, 20), -1), 2) **FROM** dual;
Error
00
0
 1

40.
How can the user change "Scaler" into "Interviewbit" in the "Name" column in the Users table?
UPDATE User SET Name = 'Scaler' INTO Name = 'Interviewbit'
MODIFY Users SET Name = 'Interviewbit' WHERE Name = 'Scaler'
MODIFY Users SET Name = 'Scaler' INTO Name = 'Interviewbit'
UPDATE Users SET Name = 'Interviewbit' WHERE Name = 'Scaler'

41.
What is the name of the query that is placed within a WHERE or HAVING clause of another query?
Multi query
Subquery
Super query
Master query

42.
Which is the AS clause used for?
Rename
Selection
Join
Projection

43.
Which of the following are valid SQL constraints?
NOT NULL
CHECK
UNIQUE
All of the above
Hide
Correct Answer
Explanation: All of the above are valid SQL constraints.

44.
Which of the following is also known as a concatenated key?
Primary Key
Foreign Key

Surrogate Key
Composite Key

45.
The program which performs some common action on database data and is also stored there is called?
Trigger
Stored Procedure
Stored Function
None of the above

46.
How can SQL injections occur?
Data is used to dynamically construct an SQL Query.
Unintended data from an untrusted source enters the application.
Both A and B.
None of the above.

47.
Which of the following constraints can be defined only at the column level?
UNIQUE
NOT NULL
CHECK
PRIMARY KEY
Hide

48.
Group of operations that form a single logical unit of work called?
Network
Unit
Transaction
None of the above

49.
Identify the concurrency-based protocol?
Lock based protocol
Two-phase locking protocol
Timestamp ordering protocol
All

50.
Which of the following is not a valid SQL type?
NUMERIC
DECIMAL
CHARACTER
None of the above

51.

What is the full form of SQL?
Structured Query Language
Sample Query Language
Structured Query List
None of the above.

52.
Which of the following is not a DDL command?
REVOKE
GRANT
UPDATE
RENAME

53.
Which of the following are TCL commands?
ROLLBACK
SAVEPOINT
Both A and B
None of the above

54.
SQL views are also known as?
Schema
Virtual Table
Instance
None of the above

55.
Which of the following is not a valid aggregate function?
count()
Sum()
Avg()
None of the above