

MTA Question

Name: _____

Block: _____

Select the correct answer:

1. You have a table named student that contains 100 rows. Some of the rows have a null value in the FirstName Columns.

You execute the following statement:

Delete from student

What is the result?

- a. You will receive an error message.
- b. All rows containing a Null value in the FirstName column will be deleted.
- c. **All rows in the table will be deleted.**

2. The component that holds information for a single entry in a table is called a;

- a. column
- b. view
- c. datatype
- d. **row**

3. Data in a database is stored in:

- a. **tables**
- b. queries
- c. Stored procedures
- d. Data types

4. Which category of SQL statements is used to add, remove, and modify database structures?

- a. DML
- b. DCL
- c. **DDL**
- d. DAL

5. In SQL, an INSERT statement is used to add a:

- a. column to a table definition
- b. **Row of data to a table**
- c. table to a database
- d. User to a database

6. Which command should you use to add a column to an existing table?

- a. **Alter**
- b. Change
- c. Modify
- d. Update

7. You have two database tables as defined below. The first table contains information about students. The second table contains information about courses. The two tables are related by CourseID.

StudentID	StudentName	CourseID
1	Brad	4
2	Joe	1
3	Susan	2

CourseID	CourseName
1	Math
2	Science
3	Geography
4	Reading
5	History

Match the Course Name to the Student Name.

The answer, drag the appropriate Course Name from the column on the left to its student Name on the right. Each Course Name may be used once more than once. Or not at all. You may need to drag the split bar between panes or scroll to view content. Each correct match one point.

Course Name	Student Name	Course Name
Geography	Brad	
History	Joe	
Math	Susan	
Reading		
Science		

8. This question requires that you evaluate the underlined test to determine if it is correct.

Use indexing to create, remove, or change database object.

- a. No change is needed
- b. **DDL statement's**
- c. A unique constraint
- d. DML Statements

9. You are writing an SQL statement to retrieve rows from a table.

Which data manipulation language (DML) command should you use?

- a. Get
- b. **Output**
- c. Read
- d. **Select**

10. You need to create a view to filter rows of data from an underlying table.

Which type of clause must be included in the Create View statement?

- a. Constraint
- b. Join
- c. **Where**
- d. Filter

11. Which permission does a user need in order to run a stored procedure?

- a. run
- b. allow
- c. **Execute**
- d. call

12. You are developing a SQL statement to create a table

Which two SQL keywords are valid to use a Create Table statement? Choose two

- a. Insert into
- b. Order by
- c. **Primary Key**
- d. **Constraint**

13. Which keyword must be included in a Create view statement?

- a. Where
- b. Update
- c. **Select**
- d, order by

14. Views are database objects that contain all of the data in a database.

- a. No Change
- b. **Tables**
- c. Stored procedure
- d. Queries

15 This question requires that you evaluate the underlined text to determine if it is correct.

You create a table of recently release video games and their review scores.

To create a view that returns a list of game that is alphabetically sorted, the completed SQL statement should be the following: create view MYGames As select Name from Games,

Instruction: Review the underlined text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- a. No change is needed.
- b. Select * from Games
- c. **Select Name from Games order by Name**
- d. Select * from Games Where Name Between 'A' And 'Z'

16. a.

Data type	Usage	Data type
Numeric	To represent the amount of money you earned this week	Smallint
Smallint	To represent the radius of a circle in a unit of measure	Float
Float	To present the number of cylinders in an engine	Numeric

17. One difference between a function and a stored procedure is that a function:

- a. Cannot accept parameters
- b. Cannot contain a transaction
- c. **Must return a value**
- d. Must be called from a trigger

18. What two elements are required to define a column? Choose two

- a. **a data type**
- b. a key
- c. **a name**
- d. an index

19. You work at a coffee shop. They ask you to set up a website that store charges on purchases. You need recommend a data type in a database table to run financial functions against the charged amounts.

Which data type should you recommend?

- A. **Money**
- b. bit
- c. Chara
- 4. Varchara

20. You develop a database to store data about textbooks. The data must be stored to process at a later time.

Which database object should you use to store the data?

- a. Function
- b. Table
- c. view
- d. **store procedure**