

## MTA REVIEW

Name: \_\_\_\_\_

Block: \_\_\_\_\_

1. You assign User1 a set a permissions that include the with Grant option.  
The with Grant Option enable User1 to;  
**a. Delegate permissions to other users.**  
b. Deny permissions to other users.  
c. Revoke permissions to other users  
d. All of the above
2. A. Full database backup of all the data in the entire database. **T/F**  
b. A transaction log backup up all the data in the database. **T/F**  
c. A differential backup copies only data that was changed before the last full backup.  
**T/F**  
d. A file of filegroup restore specifies a portion of the database to recover. **T/F**
3. Which two SQL constructs represent data DML statements? Choose two  
a. **Insert into Employee**  
b. **Select EmployeeName from Employee**  
c. Drop table Employee  
d. Alter EmployeeName from Employee
4. Insert statements is used to add a:  
A. **row of data to a table**                      B. column of data to a table                      c. Both
5. The component that holds information for a single entry in a table is called a:  
a. **Row**                      b. Column                      c. Field                      D. Table
6. Delete a database table.  
a. Delete                      **b. Drop**                      c. Remove                      D. Alter
7. Data in a database is stored in:  
a. Queries                      b. View                      c. Store process                      **d. Tables**
8. You need to add rows to a database table. Which structured Query Language keyword should you use?  
a. Create                      **b. Insert**                      c. Update                      d. Select
9. Which statement should you use to return number of rows in the table?  
a. Select Count(rows)  
From employee                      **b. Select Count(\*)**  
From Employee                      c. Select Count (%)  
From employee
10. Which constraint ensure a unique value in the ID Column for each customers.  
a. Foreign Key                      **b. Primary Key**                      c. Index Key
11. You are writing a SQL Statement to retrieve rows from a table which data manipulation Language (DML) command should you use.  
a. **Select**                      b. Read                      c. Get

12. You work at a coffee shop. They ask you to set up a website that store charges on purchases.  
You need to recommend a data type in a database table to run financial functions against the charged amounts.  
Which data type should you recommend?
- a. Int                                      b. Varchar                                      c. Money
13. You have the following SQL query;  
Select \* From dbo.ProAthlete Where salary > 500000  
The query takes too much times to return data. You need to improve the performance of the query.  
Which item should you add to the salary column?
- a. Primary Key                                      **b. Index**                                      c. DML
14. While attending college, you accept an IT internship at a local charity. The charity needs to report on data that is related and exists in two table. You need to establish a relationship between the data that is in the two tables.  
Which constraint should you define?
- a. **Foreign Key**                                      b. Default Key                                      c. Index Key
15. This question requires that you evaluate the underlined to determine if it is correct.  
First normal form require that a database excludes repeating groups.  
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. Composite Keys                                      c. Duplicate rows
16. You create a table of recently released video games and their review scores. To create a View that returns a list of game names that returns a list of game names that is alphabet sorted, the completed SQL statements hould be the following; create view MY Games As select Name from Games You create the following table, while lists how many books you have on Loan to you friends. Harry in San Francisco returns your books which statement will update your table correctly.
- a. **Update loanedBooks set Books = 0 Where (Name = ‘Harry’ AND City = ‘San Francisco’)**  
b. Insert Into LoanedBook set Books = 0 Where ID = 4  
c. Update loanedBooks set Books = 0 Where (Name = ‘Harry’ OR City = ‘San Francisco’)  
d. Update loanedBooks set Books = 0 Where (Name = ‘Harry’ IN City = ‘San Francisco’)
17. You need to store project names that very from three to 30 characters. You also need to minimize the amount of storage space that is used.
- a. **Varchar (30)**                                      b. Char (3,30)                                      C. Char (30)                                      d. Varchar (3,30)
18. Which command should you use to add a column to an existing table?
- a. Update                                      **b. Alter**                                      c. Insert                                      d. Change

19. A row holds information for a single record in a table.
- a. **No Change**
  - b. Data type
  - c. Column
  - d. View
20. What is one difference between an update statement and a delete statement?
- a. An update statement can change only one row
  - b. **An update statement does not remove rows from a table**
  - c. A delete statement works only within a stored procedure
  - d. A delete statement cannot use a where clause