BIT 2019 Fall RDBMS Quiz - 02

There are 20 questions in this quiz and you need to complete this in 20 Minutes.

Points: **16/20**

1. How can you change "Olsen" into "Nilsen" in the "LastName" column in the "Persons" table? *
   (1 Point)

   ○ MODIFY Persons SET LastName='Olsen' INTO LastName='Nilsen

   ○ UPDATE Persons SET LastName='Olsen' INTO LastName='Nilsen'

   ○ MODIFY Persons SET LastName='Nilsen' WHERE LastName='Olsen'

   ◉ UPDATE Persons SET LastName='Nilsen' WHERE LastName='Olsen' ✓

2. Which of the following is correct? *
   (1 Point)

   ○ Select Address, Count(*) From Persons having Count(*) > 2 Group By Address

   ◉ Select Address, Count(*) From Persons Group By Address having Count(*) > 2 ✓

   ○ Select Address, Count(*) From Persons Group By Address where Count(*) > 2

   ○ Select Address, Count(*) From Persons where Count(*) > 2 Group By Address

3. Select the correct Statement to create a new table "Orders" with a Foreign Key Constraint referencing "ID" Column from table "Person". *
(1 Point)

○ CREATE TABLE Orders (ID INT PRIMARY KEY IDENTITY(1,1), PersonID INT (FOREIGN KEY REFERENCES Person(ID)))

◉ CREATE TABLE Orders (ID INT PRIMARY KEY IDENTITY(1,1), PersonID INT FOREIGN KEY REFERENCES Person(ID))   ✓

○ CREATE TABLE Orders (ID INT PRIMARY KEY IDENTITY(1,1), PersonID INT CONSTRAINT FOREIGN KEY REFERENCES Person(ID))

○ CREATE TABLE Orders (ID INT PRIMARY KEY IDENTITY(1,1), PersonID INT CREATE FOREIGN KEY REFERENCES Person(ID))

4. With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" is "Peter"? *
(1 Point)

○ SELECT [all] FROM Persons WHERE FirstName='Peter'

◉ SELECT * FROM Persons WHERE FirstName='Peter' ✓

○ SELECT * FROM Persons WHERE FirstName like '%Peter'

○ SELECT [all] FROM Persons WHERE FirstName LIKE 'Peter'

5. Which SQL statement is used to delete data from a database? *
(1 Point)

○ DELETE ✓

○ COLLAPSE

○ REMOVE

◉ DROP

6. With SQL, how can you insert "Olsen" as the "LastName" in the "Persons" table? *
   (1 Point)

   ◯ INSERT INTO Persons ('Olsen') LastName

   ◯ INSERT ('Olsen') INTO Persons (LastName)

   ◉ INSERT INTO Persons (LastName) VALUES ('Olsen') ✓

   ◯ INSERT INTO Persons (LastName) VALUE ('Olsen')

7. The term "Data" refers to *
   (1 Point)

   ◯ The electronic representation of the information(or data)

   ◯ Basic information

   ◉ Raw Facts and figures ✓

   ◯ Rows and Columns.

8. How can you delete the records where the "LastName" is "Nilsen" in the "Persons"
   Table? *
   (1 Point)

   ◉ DELETE FROM Persons WHERE LastName='Nilsen' ✓

   ◯ DELETE ROW LastName='Nilsen' FROM Persons

   ◯ DELETE LastName='Nilsen' FROM Persons

   ◯ DROP ROW From Persons where LastName='Nilsen'

9. Which of the following is the correct order for SQL CREATE TABLE statements? *
   (1 Point)

   ◉ Create table tablename (col1 datatype1, col2 datatype 2,..) ✓

○ Create tablename (col1 datatype1 ,col2 datatype2, ...)

○ Create table tablename col1 datatype1 , col2 datatyp2 ,..

○ Create tablename col1 datatype1 , col2 datatyp2 ,..

10. If A and B are two tables, which Join gives all the common records between A and B? *
(1 Point)

○ Inner Join ✓

◉ Left Outer Join

○ Left Inner Join

○ Full Outer Join

11. If you need to store Phone Numbers in a table which datatype should you use? *
(1 Point)

○ INT

○ BIGINT

○ CHAR

◉ VARCHAR ✓

12. With SQL, how can you return all the records from a table named "Persons" sorted descending by "FirstName"? *
(1 Point)

○ SELECT * FROM Persons ORDER FirstName DESC

○ SELECT * FROM Persons SORT BY 'FirstName' DESC

○ SELECT * FROM Persons SORT 'FirstName' DESC

SELECT * FROM Persons ORDER BY FirstName DESC ✓

13. How can you return the number of records in the "Persons" table? *
(1 Point)

○ SELECT COUNT(*) FROM Persons ✓

○ SELECT NO(*) FROM Persons

◉ SELECT COLUMNS(*) FROM Persons

○ SELECT LEN(*) FROM Persons

14. Which of the following is correct to create a primary key on Id column? *
(1 Point)

◉ Create table Orders (Id Int Primary key, Name varchar(50)) ✓

○ Create table Orders (Id Int add primary key, Name varchar(50))

○ Create table Orders (Id Primary key Int, Name varchar(50))

○ Create table Orders (Id Int and Primary key, Name varchar(50))

15. With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" starts with an "a"? *
(1 Point)

○ SELECT * FROM Persons WHERE FirstName='%a%'

○ SELECT * FROM Persons WHERE FirstName='a'

○ SELECT * FROM Persons WHERE FirstName LIKE '%a'

◉ SELECT * FROM Persons WHERE FirstName LIKE 'a%' ✓

16. If A and B are two tables, which Join gives all the record from A and common records between A and B? *
(1 Point)

○ Inner Join

○ Left Outer Join ✓

○ Left Inner Join

○ Full Outer Join

17. Select the correct Join Statement. *
(1 Point)

○ SELECT ColumnNames FROM table1 t1 INNER JOIN table2 t2

○ SELECT ColumnNames FROM table1 t1 INNER JOIN table2 t2 ON t1 = t2

⦿ SELECT ColumnNames FROM table1 t1 INNER JOIN table2 t2 ON t1.ColumnName = t2.ColumnName   ✓

○ SELECT ColumnNames FROM table1 t1, table2 t2

18. TempDB in System Databases stores *
(1 Point)

⦿ intermediate results and temporary data ✓

○ Tables and Data

○ Database

○ log

19. With SQL, how do you select a column named "FirstName" from a table named "Persons"? *
    (1 Point)

    ○ SELECT Persons.FirstName

    ○ EXTRACT FirstName FROM Persons

    ◉ SELECT FirstName FROM Persons ✓

    ○ Select FROM Persons FirstName

20. Which SQL statement is used to update data in a database? *
    (1 Point)

    ○ MODIFY

    ○ SAVE

    ○ SAVE AS

    ◉ UPDATE ✓

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