OSDA Quiz

Class 1 – Data Manipulation & Management – Overview

1. True or False: Are the following statements considered a SQL Data Type?
   1. Integer \_\_\_\_
   2. Decimal \_\_\_\_
   3. Number \_\_\_\_
   4. Datetime \_\_\_\_
   5. BLOB \_\_\_\_
   6. Group  \_\_\_\_
   7. Money \_\_\_\_
   8. Character \_\_\_\_
2. What SQL clause is used to obtain data from an existing table?
   1. Update
   2. Where
   3. Select
   4. Get
3. What are common aggregate function types used in SQL?
   1. Max
   2. Format
   3. Sum
   4. Round
   5. A & C
   6. All of the above
4. Which of the following SQL commands is considered a “control flow” function?
   1. CAST
   2. SUM
   3. DateDiff
   4. CASE
5. Write the following natural language statement as a SQL query: “Obtain a list of countries (world.country.name) within the continent of Asia (world.country.continent)”
6. What SQL Statement allows you to create a new schema in MySQL?
   1. Alter Database
   2. Create Database
   3. Update Table
   4. Create Table
7. What Combination of SQL statement allows you to insert data into a table?
   1. Insert Into/Select
   2. Update/SET/Where
   3. Truncate Table
   4. Delete/From/Where
8. What SQL statement allows you select the rows you want to delete from a table, while keeping its current structure?
   1. Drop Table
   2. Update/SET/Where
   3. Truncate Table
   4. Delete/From/Where
9. What Combination of SQL statement allows you to delete a table, along with all contents and structure?
   1. Drop Table
   2. Update/SET/Where
   3. Truncate Table
   4. Delete/From/Where
10. What SQL Statement allows you to add a new column to and existing MySQL table?
    1. Select (Column Name)
    2. Add Constraint
    3. Alter Table/Add
    4. Alter Table/Drop

**Answer Key**: 1a) T, b) T, c) F, d) T, e) T, f) F, g) F, h) T,

2) C, 3) E, 4) D, 5) Select a.Name from world.country as a where Continent = “Asia”, 6) B, 7) A, 8) C, 9) A, 10) C