MSDS 7330
File Organization and Database Management
Quiz Unit 1

This is a unit quiz assignment for MSDS7330, File Organization and Database Management. Enter your answer to each question in a Quiz Answer Sheet Word document. Be sure to place your name and due date in the Quiz Answer Sheet, and place your last name and the unit number at the beginning of the file name. For example, the filename for the quiz answer sheet for Unit 1 for Daniel Engels should be *Engels1MSDS7330QuizAnswerSheet.docx*.

For each question, in the Quiz Answer Sheet state the letter of your chosen answer and write out the explanation for why the answer is correct. Note that the explanation involves also explaining why the other answers are not correct.

Your answer Word document should be submitted on the 2DS system for the homework number equal to the quiz unit number. For example, the quiz for Unit 1 should be submitted with Homework 1.

1) Databases store which of the following?
   a) Data
   b) Metadata
   c) Both data and metadata
   d) Neither data nor metadata

2) The study of Data and Databases is important for which of the following reasons?
   a) Databases store data
   b) Databases need to efficiently store and retrieve data
   c) Databases store data in an unstructured manner
   d) Databases need to secure the data

3) Which of the following is not a model used by databases
   a) flat file model
   b) NoSQL model
   c) Relational model
   d) Random model

4) In order to create an efficient database model for a set of data
   a) the database designer must first understand the data and all the relationships between the different data
   b) the database designer must first prepare the data for storage
   c) the database designer must first implement the database management system and storage hierarchy
   d) the database designer must first understand how the database management system and storage hierarchy is implemented

5) A Data Warehouse is which of the following
   a) a repository (archive) of information from disparate sources, stored under a unified schema at a single site.
   b) a collection of repositories (archives) of information from disparate sources, stored at a single site.
   c) a set of repositories (archives) of information from disparate sources, stored at multiple sites.
   d) a single repository (archive) of information from a single source, stored under a unified schema at a single site.

6) Relational data models were initially developed by
   a) Larry Ellison
   b) Scott McNealy
   c) Leonard Watson
   d) Edgar Codd

7) SQL stands for
   a) Structured Query Language
   b) SeQuential Language
   c) Serial Query Language
   d) Semi-Queriable Logic

8) Which of the following is not a Database user?
   a) Application programmers
   b) Data generators
   c) Data consumers
   d) Graphic designer

9) Which of the following software packages is not a database.

   a) Redis
   b) Microsoft SQL Server
   c) Cassandra
   d) Explorer

10) Which of the following is the most widely deployed database system?

   a) MySQL
   b) SQlite
   c) Oracle
   d) SQL Server