Quiz 2:

1. c) Both data and metadata
2. b) Databases need to efficiently store and retrieve data
3. d) Random model
4. a) the database designer must first understand the data

and all the relationships between the different data

1. b) a collection of repositories (archives) of information

from disparate sources, stored at a single site.

1. d) Edgar Codd
2. a) Structured Query Language
3. d) Graphic Designer
4. d) Explorer
5. b) SQlite

1) Databases store which of the following?

Does this really require explanation?

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

Certainly a useful property… but not the major reason to study it as a science. There are other ways of storing data.

b) Databases need to efficiently store and retrieve data

Optimization of data access is an art form

c) Databases store data in an unstructured manner

Not all of them

d) Databases need to secure the data

Sometimes – not all the time

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

Would be interesting to try and retrieve it from here….

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

Mapping out the data is the only way to know what the answers will be for b), c), d)

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.

A data warehouse typically consists of multiple repositories – not a single repo.

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

Wikipedia

7) SQL stands for

a) Structured Query Language

Tough one….

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

If a graphic designer is using your database, they are either a really good graphic designer or your application design is garbage

9) Which of the following software packages is not a

database.

a) Redis

b) Microsoft SQL Server

c) Cassandra

d) Explorer

Common sense

10) Which of the following is the most widely deployed

database system?

a) MySQL

b) SQlite

Because of python (and android 😊)

c) Oracle

d) SQL Server