# Quiz - Chapter 3

**Due** Feb 2 at 11:59pm     **Points** 100     **Questions** 21

**Available** Jan 26 at 5pm - Feb 2 at 11:59pm 7 days     **Time Limit** 30 Minutes

This quiz was locked Feb 2 at 11:59pm.

## Attempt History

| | Attempt | Time | Score |
|---|---|---|---|
| **LATEST** | [Attempt 1](#) | 26 minutes | 100 out of 100 |

Score for this quiz: **100** out of 100
Submitted Feb 2 at 8:39pm
This attempt took 26 minutes.

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### Question 1                                      4 / 4 pts

Bill Inmon advocates the data mart bus architecture whereas Ralph Kimball promotes the hub-and-spoke architecture, a data mart bus architecture with conformed dimensions.

○ True

**Correct!**    ◉ False

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### Question 2                                      4 / 4 pts

Subject oriented databases for data warehousing are organized by detailed subjects such as disk drives, computers, and networks.

○ True

○ False

## Question 3
**4 / 4 pts**

Because the recession has raised interest in low-cost open source software, it is now set to replace traditional enterprise software.

○ True

◉ False

## Question 4
**4 / 4 pts**

Moving the data into a data warehouse is usually the easiest part of its creation.

○ True

◉ False

## Question 5
**4 / 4 pts**

Because of performance and data quality issues, most experts agree that the federated architecture should supplement data warehouses, not replace them.

◉ True

○ False

## Question 6

**5 / 5 pts**

In which stage of extraction, transformation, and load (ETL) into a data warehouse are anomalies detected and corrected?

○ transformation

○ extraction

○ load

**Correct!**

◉ cleanse

## Question 7

**5 / 5 pts**

Operational or transaction databases are product oriented, handling transactions that update the database. In contrast, data warehouses are

**Correct!**

◉ subject-oriented and nonvolatile.

○ product-oriented and nonvolatile.

○ product-oriented and volatile.

○ subject-oriented and volatile.

## Question 8

**5 / 5 pts**

Which kind of data warehouse is created separately from the enterprise data warehouse by a department and not reliant on it for updates?

○ sectional data mart

○ public data mart

**Correct!** ⦿ independent data mart

○ volatile data mart

## Question 9

**5 / 5 pts**

A large storage location that can hold vast quantities of data (mostly unstructured) in its native/raw format for future/potential analytics consumption is referred to as a(n)

○ extended ASP.

○ data cloud.

**Correct!** ⦿ data lake.

○ relational database.

## Question 10

**5 / 5 pts**

Why is a performance management system superior to a performance measurement system?

○ because performance measurement systems are only in their infancy

○ because measurement automatically leads to problem solution

○ because performance management systems cost more

&#9678; because measurement alone has little use without action

## Question 11

**5 / 5 pts**

Which data warehouse architecture uses a normalized relational warehouse that feeds multiple data marts?

&#9675; independent data marts architecture

&#9675; centralized data warehouse architecture

&#9678; hub-and-spoke data warehouse architecture

&#9675; federated architecture

## Question 12

**5 / 5 pts**

All of the following are true about in-database processing technology EXCEPT

&#9675; it pushes the algorithms to where the data is.

&#9675;

it makes the response to queries much faster than conventional databases.

&#9675;

it is often used for apps like credit card fraud detection and investment risk management.

&#9678; it is the same as in-memory storage technology.

## Question 13

**5 / 5 pts**

Which of the following BEST enables a data warehouse to handle complex queries and scale up to handle many more requests?

- ○ use of the Web by users as a front-end

**Correct!**

- ◉ parallel processing

- ○ Microsoft Windows

- ○ a larger IT staff

## Question 14

**5 / 5 pts**

In data warehousing, _____-orientation provides a more comprehensive view of the organization and its activities.

**Correct!**

> subject

**orrect Answers**

subject

## Question 15

**5 / 5 pts**

_____ modeling is a retrieval-based system that supports high-volume query access.

**Correct!**

> dimensional

**orrect Answers**

Dimensional

## Question 16

**5 / 5 pts**

Data _____ comprises data access, data federation, and change capture.

Correct!

```
integration
```

orrect Answers

integration

## Question 17

**5 / 5 pts**

_____ describe the structure and meaning of the data, contributing to their effective use.

Correct!

```
metadata
```

orrect Answers

Metadata

## Question 18

**5 / 5 pts**

The three main types of data warehouses are data marts, operational _____, and enterprise data warehouses.

Correct!

```
data stores
```

orrect Answers

data stores

## Question 19

**5 / 5 pts**

The _____ Model, also known as the data mart approach, is a "plan big, build small" approach. A data mart is a subject-oriented or department-oriented data warehouse. It is a scaled-down version of a data warehouse that focuses on the requests of a specific department, such as marketing or sales.

Correct!

| Kimball |

orrect Answers    Kimball

## Question 20                                                        5 / 5 pts

Most data warehouses are built using _____ database management systems to control and manage the data.

Correct!

| relational |

orrect Answers    relational

## Question 21                                                        5 / 5 pts

The _____ data warehouse architecture involves integrating disparate systems and analytical resources from multiple sources to meet changing needs or business conditions.

Correct!

| federated |

orrect Answers    federated