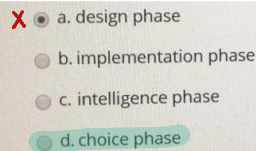


- **Question 1**

1 out of 1 points

- Search for alternatives including a proposed solution occurs in ____ of the decision making model?

- 
- ☒ a. design phase
 - ☐ b. implementation phase
 - ☐ c. intelligence phase
 - ☐ d. choice phase

- **Question 2**

1 out of 1 points

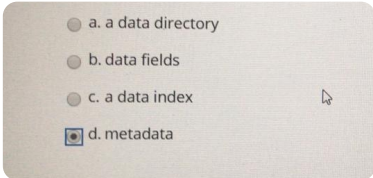
- Summarized data are stored in DW, as compared to detail data stored in operational database.

True

- **Question 3**

1 out of 1 points

- A data warehouse contains _____ about how data are organized and how to use them effectively.

- 
- ☐ a. a data directory
 - ☐ b. data fields
 - ☐ c. a data index
 - ☒ d. metadata

- **Question 4**

1 out of 1 points

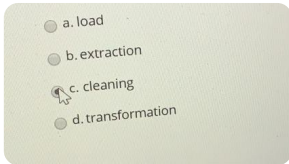
- Visualization tools used in DW differs from traditional charts and graphs in complexity of data sets and use of multiple dimensions and measures.

True

- **Question 5**

1 out of 1 points

- Data warehouseâ s irregularities are detected and corrected in _____ stage.

- 
- ☐ a. load
 - ☐ b. extraction
 - ☒ c. cleaning
 - ☐ d. transformation

- **Question 6**

1 out of 1 points

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

True

- **Question 7**

1 out of 1 points

- In hybrid OLAP server architecture, detail values are stored in the relational fact table and aggregate values are store in the cube.

True

- **Question 8**

1 out of 1 points

- Data warehouses can be regarded as the subsets of data marts.

False

- **Question 9**

1 out of 1 points

- When querying a dimensional database, a user went from summarized data to its underlying details. The function that served this purpose is _____

(i) slice
(ii) roll-up

(iii)drill down
(iv)dice

- **Question 10**

1 out of 1 points

- In a four-step process for decision making, managers construct a model of the problem before they evaluate potential solutions.

True

- **Question 11**

1 out of 1 points

- OLTP is the most commonly data analysis technique used in data warehouses.

False

- **Question 12**

0 out of 1 points

- The knowledge-based management subsystem is interconnected with the organization's knowledge repository, which is sometimes called the _____

- ☐ a. knowledge-based subsystem
- ☐ b. All mentioned choices are perfect
- ☒ c. organizational knowledge base
- ☐ d. data management

- **Question 13**

1 out of 1 points

- OLAP intergrades OLTP with data mining techniques.

False

- **Question 14**

0 out of 1 points

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

- (i) **subject-oriented and nonvolatile.**
- (ii) subject-oriented and volatile.

- (iii) product-oriented and nonvolatile.
- (iv) product-oriented and volatile.

- **Question 15**

1 out of 1 points

Bitmap indexing technique used in DW is an effective indexing for attributes with low cardinality.

True

- Question 16

1 out of 1 points

- OLAP is a term used for a transaction system that is primarily responsible for capturing and storing data related to day-to-day business functions such as ERP, CRM, SCM, and point of sale.

False

- Question 17

1 out of 1 points

- All of the following options may be viewed as decision support systems EXCEPT

- ☐ a. an expert system to diagnose a medical condition
- ☒ b. a retail sales system that processes customer sales transactions
- ☐ c. a knowledge management system to guide decision makers
- ☐ d. a system that helps to manage the organization's supply chain management

- Question 18

1 out of 1 points

- The decider communicates with and commands the DSS through the _____ subsystem.

- ☐ a. MDDM
- ☐ b. none of the mentioned choices are perfect
- ☐ c. OLAP/OLAM
- ☒ d. user interface

- Question 19

1 out of 1 points

- Fact constellation data modelling is the type of schema involves dimensional hierarchy in which each level represents one table.

False

•

Question 20

1 out of 1 points

-

Representing data in a data warehouse with several dimension tables each of them connected to a fact table, means you are using _____

- (i) relational schema
- (ii) dimensional schema

- (iii) **star schema**
- (iv) snowflake schema