NORTH AMERICAN
U N I V E R S I T Y
INSPIRATION   INNOVATION   GLOBAL COMPETENCE

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Question 1

Complete   Marked out of 1.00

Clustering is a Data Mining functionality. Which one is the correct description of clustering?

Select one:

- ○ a. Is a process to model continuous-valued functions

- ● b. Analyzes data objects without consulting to a known class label

- ○ c. Is the discovery of association rules showing attribute-value conditions that occur frequently together in a given set of data.

- ○ d. Is a comparison of the general features of target class data objects with the general features of objects from one or a set of contrasting classes.

Question 2

Complete   Marked out of 1.00

What is Data Mining?

Select one:

- ○ a. Creating huge amount of data.

- ● b. Turning data into information and knowledge.

- ○ c. A process that removes or transforms noise and inconsistent data.

- ○ d. Effective mechanisms for data management.

Question 3   Complete   Marked out of 1.00

Which one of the following is not involved in Data Mining?

Select one:

○   a. Data cleaning

○   b. Pattern evaluation

◉   c. Data integration

○   d. Data creation

Question 4   Complete   Marked out of 1.00

A Class consists of which of these abstractions?

Select one:

○   a. Set of the objects

○   b. Attributes

○   c. Operations

◉   d. All of the mentioned

Question 5   Complete   Marked out of 1.00

The process of building new classes from existing one is called _____.

Select one:

- ○   a. Structure
- ○   b. Polymorphism
- ◉   c. Inheritance
- ○   d. Cascading

Question 6   Complete   Marked out of 1.00

If a class C is derived from class B, which is derived from class A, all through public inheritance, then a class C member function can access

Select one:

- ○   a. protected and public data only in C and B.
- ○   b. protected and public data only in C.
- ○   c. private data in A and B.
- ◉   d. protected data in A and B.

Question 7   Complete   Marked out of 1.00

In an Earned Value Analysis, the Schedule Variance (SV) is calculated as:

Select one:

- ⦿ a. EV ▢- PV

- ○ b. AC + ETC

- ○ c. PMB - ▢ ETC

- ○ d. EV -▢ AC

Question 8   Complete   Marked out of 1.00

Projects can fail because:

Select one:

- ○ a. The project is planned in too much detail

- ○ b. Project risks are identified too early in the project

- ○ c. Stakeholder requirements are too specific

- ⦿ d. The project is not controlled closely

Question 9   Complete   Marked out of 1.00

Project management is:

Select one:

○ a. Just like any other kind of management.

◉ b. The planning and controlling of resources for a specific time to achieve a predetermined goal.

○ c. A job that should only be undertaken by technical staff.

○ d. Done differently in the United States and Europe.

Question 10   Complete   Marked out of 1.00

A UML diagram includes which of the following?

Select one:

○ a. List of operations

○ b. Class name

○ c. List of attributes

◉ d. All of the above.

Question 11   Complete   Marked out of 1.00

Aggregation is which of the following?

Select one:

○   a. Expresses an is-a relationship and is a stronger form of an association relationship.

◉   b. Expresses a part-of relationship and is a stronger form of an association relationship.

○   c. Expresses a part-of relationship and is a weaker form of an association relationship.

○   d. Expresses an is-a relationship and is a weaker form of an association relationship.

Question 12   Complete   Marked out of 1.00

Multiplicity is the same as what concept for an ERD?

Select one:

○   a. Entity

○   b. Attribute

◉   c. Cardinality

○   d. Relationship