

<http://www.na.edu>

E-mail: moodle@na.edu



Geraldo Braho ▾



Dashboard > My courses > COMP > COMP 4393.Senior Design Project.2017SPR.s1 > Readiness Test > Software Engineering Concentration Field Preparation Test

**Started on** Friday, 7 April 2017, 10:00 AM**State** Finished**Completed on** Friday, 7 April 2017, 10:25 AM**Time taken** 24 mins 54 secs**Question 1**

Complete

Marked out of 1.00

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

Select one:

- ☐ a. Data cleaning
- ☒ b. Data creation
- ☐ c. Pattern evaluation
- ☐ d. Data integration

**Question 2**

Complete

Marked out of 1.00

What is Data Mining?

Select one:

- ☐ a. Effective mechanisms for data management.
- ☐ b. Creating huge amount of data.
- ☒ c. Turning data into information and knowledge.
- ☐ d. A process that removes or transforms noise and inconsistent data.

**Question 3**

Complete

Marked out of 1.00

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

Select one:

- ☒ a. Is the discovery of association rules showing attribute-value conditions that occur frequently together in a given set of data.
- ☐ b. Is a process to model continuous-valued functions
- ☐ c. 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.
- ☐ d. Analyzes data objects without consulting to a known class label

**Question 4**

Complete

Marked out of 1.00

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

Select one:

- ☐ a. Cascading
- ☐ b. Polymorphism
- ☐ c. Structure
- ☒ d. Inheritance

**Question 5**

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 data in A and B.
- ☐ b. private data in A and B.
- ☐ c. protected and public data only in C and B.
- ☐ d. protected and public data only in C.



**Question 6**

Complete

Marked out of 1.00

A Class consists of which of these abstractions?

Select one:

- ☐ a. Set of the objects
- ☐ b. Operations
- ☐ c. Attributes
- ☒ d. All of the mentioned

**Question 7**

Complete

Marked out of 1.00

The following tools can be used to generate the project schedule:

Select one:

- ☐ a. Microsoft Excel
- ☐ b. Primavera
- ☐ c. All of the above
- ☒ d. Microsoft Project

**Question 8**

Complete

Marked out of 1.00

Project management is:

Select one:

- ☐ a. Done differently in the United States and Europe.
- ☐ b. Just like any other kind of management.
- ☐ c. A job that should only be undertaken by technical staff.
- ☒ d. The planning and controlling of resources for a specific time to achieve a predetermined goal.

**Question 9**

Complete

Marked out of 1.00

Project controls are used to assess:

Select one:

- ☐ a. Quality
- ☐ b. Schedule
- ☐ c. Budget
- ☒ d. All of the above

**Question 10**

Complete Marked out of 1.00

A UML diagram includes which of the following?

Select one:

- ☐ a. Class name
- ☐ b. List of attributes
- ☒ c. All of the above.
- ☐ d. List of operations

**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 an is-a relationship and is a weaker form of an association relationship.
- ☐ c. Expresses a part-of relationship and is a weaker form of an association relationship.
- ☒ d. Expresses a part-of relationship and is a stronger 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. Attribute
- ☐ b. Entity
- ☐ c. Relationship
- ☒ d. Cardinality