

Module 8 - Quiz

Quiz submitted



- Due Oct 21 at 11:59pm
- Points 100
- Questions 10
- Time Limit 30 Minutes
- Allowed Attempts 2

Instructions

The purpose of this quiz is to check your understanding of and reinforce key concepts covered in this module.

[Take the Quiz Again](#)

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	100 out of 100

❗ Correct answers are hidden.

Score for this attempt: 100 out of 100

Submitted Oct 20 at 5:55pm

This attempt took 9 minutes.



Question 1

10 / 10 pts

In analysis, when we treat objects like little people, this is called _____

- ☐ Isomorphism
- ☐ Homomorphism
- ☐ Polymorphism
- ☒ Anthropomorphism



Question 2

10 / 10 pts

The ability to send the same message to a number of object instances of different classes and have different behaviors executed, is referred to as what?

- ☐ Isomorphism
- ☒ Polymorphism
- ☐ Anthropomorphism

☐ Homomorphism

✓ Quiz submitted



Question 3

10 / 10 pts

If an operation is defined for a super class, which one of the following statements is true?

- ☒ Some subclasses may override the operation and some may not.
- ☐ If the method is not overridden by a subclass, you may not invoke it on any object instances of that subclass.
- ☐

The operation may not be redefined (overridden) in a subclass. All subclasses inherit the behavior from their super class.

- ☐ All subclasses must override the operation.



Question 4

10 / 10 pts

Which of the following are used to indicate a comment in UML?

- ☐ []
- ☐ //
- ☒ { }
- ☐ --



Question 5

10 / 10 pts

The R in CRC (the OO analysis technique) stands for

- ☒ Responsibility
- ☐ Review
- ☐ Requirement
- ☐ Recording



Question 6

10 / 10 pts

Which of the following is not true of invariant constraints?

- ☒ They must be written in the Object Constraint Language (OCL).
- ☐ They must be true when an object instance is constructed.
- ☐ They are represented as comments in the UML model.
- ☐ They must be preserved by any operation that modifies attributes or links.



Question 7

10 / 10 pts

The form of part-whole relationship between classes that obeys the cascading delete rule is:

- ☐ Aggregation
- ☐ Cohesion
- ☐ Abstraction
- ☒ Composition

✓ Quiz submitted



Question 8

10 / 10 pts

Which of the following is not shown in a UML class diagram?

- ☐ Associations
- ☐ Operations
- ☐ Attributes
- ☒ Messages



Question 9

10 / 10 pts

In the analysis class diagram, which of the following do you typically not see?

- ☒ Directional arrows on associations
- ☐ Multiplicities on associations
- ☐ Role names on associations
- ☐ Semantic names on associations



Question 10

10 / 10 pts

Which of the following is likely to **not** be an object found during OO Analysis?

- ☐ A molecule in a chemistry application.
- ☐ A landing of an airplane in an air traffic control application.
- ☒ The trigonometric cosine function in a video game application.
- ☐ A book in a library application.

Quiz Score: 100 out of 100