

Vendor: OMG

Exam Code: OMG-OCUP-200

Exam Name: OMG-Certified UML Professional

Intermediate Exam

Version: Demo

QUESTION 1

What best describes the distinction between a delegation connector and an assembly connector?

- A. A delegation connector can be used to model the internals of a component, while an assembly connector cannot.
- B. Assembly connectors provide white box views of components, while delegation connectors provide black box views.
- C. An assembly connector connects two components while a delegation connector connects the internal contract of a component with its external parts.
- D. An assembly connector connects the required interface or required port of one component with the provided interface or provided port of another component, while a delegation connector connects the external contract of a component with its internal parts.

Correct Answer: D

QUESTION 2

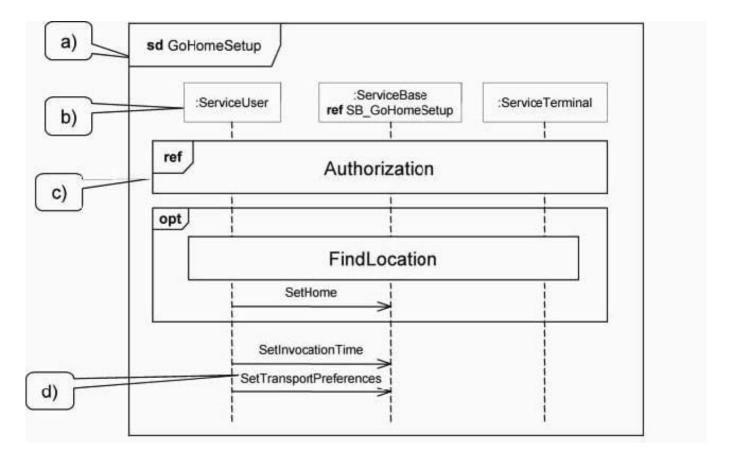
What will be deleted when performing a DestroyObjectAction on an object that participates in a composition association with many components?

- A. object
- B. component objects
- C. object and all its links
- D. object and all its component objects
- E. object, all its links, and all linked objects

Correct Answer: A

QUESTION 3

In the exhibit, what represents an interaction occurrence?



A. a

B. b

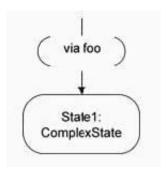
C. c

D. d

Correct Answer: C

QUESTION 4

What does via foo in the exhibit designate?



A. transient pseudostate named foo

B. an action foo associated with the transition

- C. a transition terminating on the foo entry point
- D. the sending of a foo message on the transition
- E. a Boolean guard equal to the logical value of foo

Correct Answer: C

QUESTION 5

What is true of a completion transition?

- A. has no trigger defined
- B. is only triggered by a completion event
- C. is executed when the final state is reached
- D. is executed when the state machine is terminated

Correct Answer: B

QUESTION 6

Which must be true in order to use a delegation connector to connect two components?

- A. The components must have complex ports.
- B. One component must be a subtype of the other.
- C. The components must be related to each other via a dependency.
- D. One component must be part of the internal realization of the other component.

Correct Answer: D

QUESTION 7

Which list contains only connectable elements?

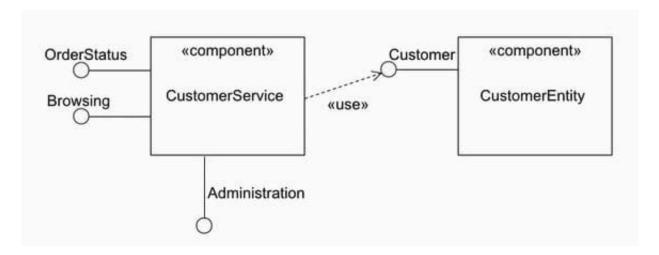
- A. port and connector end
- B. behavior, port and property
- C. connector end, port and part
- D. property, port, and parameter
- E. behavior, connector end, and port

Correct Answer: D

QUESTION 8

Refer to the exhibit.

How many interfaces does the CustomerService component make visible to its clients?



A. 0

B. 1

C. 2

D. 3

E. 4

Correct Answer: D

QUESTION 9

What can return a result on an output pin?

A. SendObjectAction

B. CallBehaviorAction

C. DestroyObjectAction

D. AddVariableValueAction

E. BroadcastSignalOperation

Correct Answer: B

QUESTION 10

What is permitted for the profile mechanism?

- A. creates new metamodels
- B. extends existing metamodels
- C. changes existing metamodels
- D. removes existing metamodels

Correct Answer: B

QUESTION 11

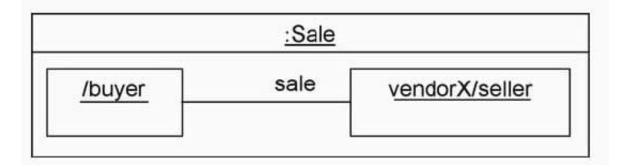
An encapsulated classifier is characterized by which fact?

- A. has an encapsulation shell
- B. can own one or more ports
- C. hides information from other classifiers
- D. acts as a package and can own one or more classifiers

Correct Answer: B

QUESTION 12

What is wrong with the Sale instance diagram shown in the exhibit?



- A. Sale instance name is missing.
- B. buyer instance name is missing.
- C. Link name should be underlined.
- D. Link should be shown with a dashed line.
- E. Types of the buyer and seller parts are missing.

Correct Answer: C