



# OMG-OCUP-100<sup>Q&As</sup>

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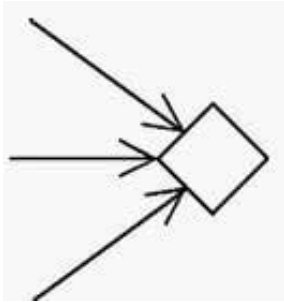
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### QUESTION 1

How many of the three incoming arrows to the diamond shape (as depicted in the exhibit) must provide values for the diamond to have an effect?

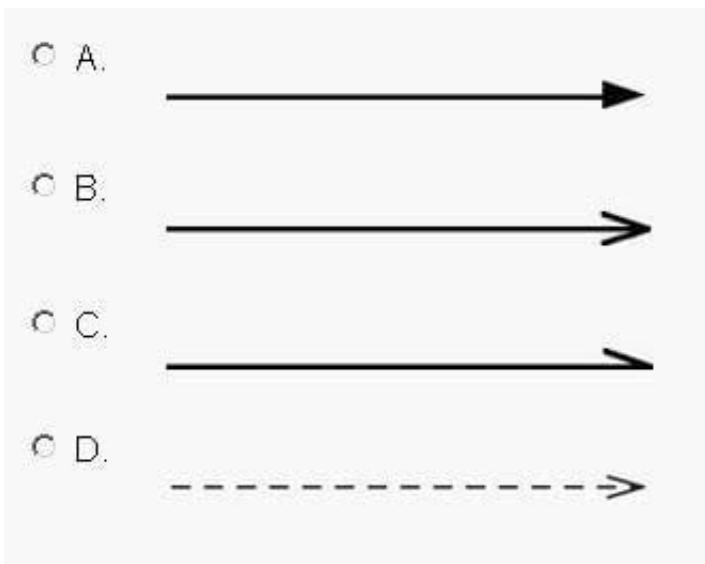


- A. none
- B. one
- C. two
- D. three

Correct Answer: B

### QUESTION 2

Which arrowhead shows that a message represents an asynchronous signal?



- A. Option A
- B. Option B
- C. Option C



D. Option D

Correct Answer: B

### QUESTION 3

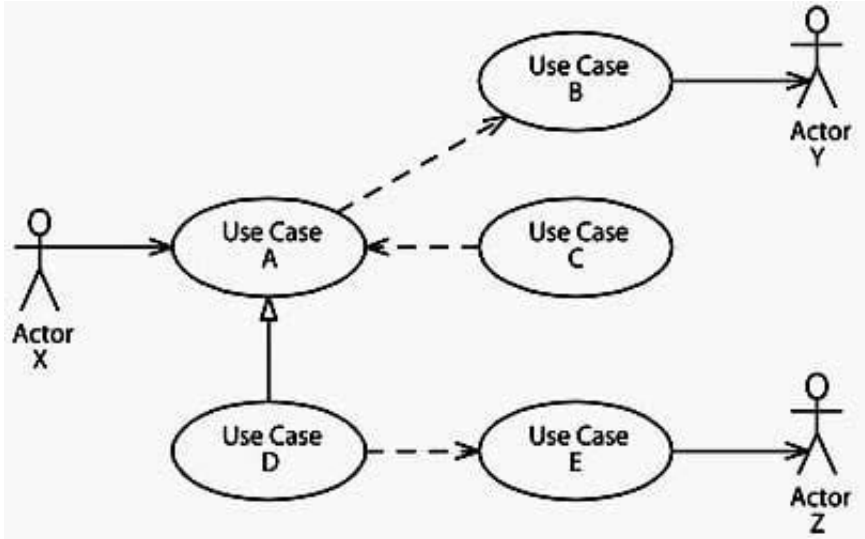
What statements are true about implementation relationships? (Choose two)

- A. A classifier may only implement one interface.
- B. An interface may implement multiple classifiers.
- C. A classifier implementing an interface conforms to its contract.
- D. The set of interfaces implemented by a classifier are its required interfaces.
- E. The set of interfaces implemented by a classifier are its provided interfaces.

Correct Answer: CE

### QUESTION 4

In the exhibit, which actors are involved in Use Case E?



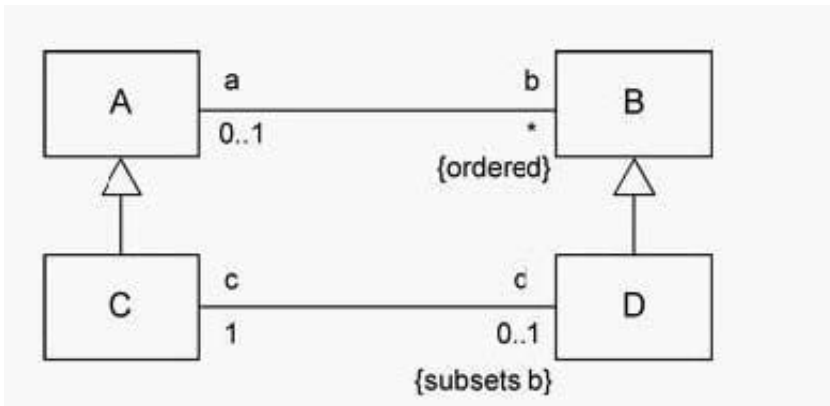
- A. Actor Z
- B. Actor X and Actor Z
- C. Actor Y and Actor Z
- D. Actor X, Actor Y, and Actor Z

Correct Answer: B



### QUESTION 5

What is the meaning of the subsets constraint in the diagram?

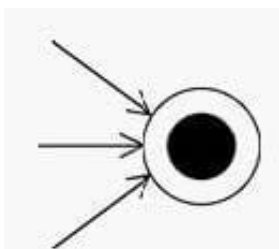


- A. D is a subclass of B.
- B. D contains a subset of instances of C.
- C. The collection of b is a subset of the collection of d for each A.
- D. The collection of d is a subset of the collection of b for each C.
- E. The collection of c is a subset of the collection of b for each D.

Correct Answer: D

### QUESTION 6

A circle with a solid circle inside and three incoming arrows is depicted in the exhibit. many of the arrows must provide values for the circle to have an effect?



- A. none
- B. one
- C. two
- D. three

Correct Answer: B



#### QUESTION 7

What does an {ordered} designator do for a multiplicity?

- A. specifies that values are sequentially ordered
- B. specifies an inclusive interval of non-negative integers
- C. indicates the correct sequence of messages in a sequence diagram
- D. indicates that the upper bound must be greater than the lower bound for the multiplicity

Correct Answer: A

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#### QUESTION 8

What is specified by a use case?

- A. set of user interface screens
- B. required usage of the system
- C. possible path based on a value
- D. business justification for system development

Correct Answer: B

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#### QUESTION 9

What receives output values of a behavior on a decision node?

- A. actions
- B. guards
- C. input pins
- D. entry states
- E. input parameter nodes

Correct Answer: B

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#### QUESTION 10

What are true statements about dependencies? (Choose two)

- A. Dependency relationships are intransitive.
- B. Dependency relationships have runtime semantics implications.



- C. Dependency relationships do not have runtime semantics implications.
- D. A dependency implies the semantics of the client(s) are complete without the supplier(s).
- E. A dependency implies the semantics of the client(s) are incomplete without the supplier(s).

Correct Answer: CE

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### QUESTION 11

What does the symbol in the exhibit represent inside UML 2.0 activity diagrams?



- A. state
- B. action
- C. activity
- D. behavior
- E. object node

Correct Answer: B

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### QUESTION 12

What are the components of diagram frames? (Choose three)

- A. date
- B. heading
- C. content area
- D. author designation
- E. round-cornered frame
- F. square-cornered frame

Correct Answer: BCF

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### QUESTION 13

What does the arrow end of a dependency relationship indicate?

- A. more general classifier
- B. element initiates communication
- C. whole in a whole-part relationship
- D. client element is affected by a change in the supplier element
- E. supplier element is unaffected by a change in the client element

Correct Answer: E

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### QUESTION 14

What does an activity contain? (Choose two)

- A. edges
- B. nodes
- C. states
- D. classes
- E. lifelines
- F. messages

Correct Answer: AB

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### QUESTION 15

What does a solid circle (as depicted in the exhibit) represent in UML 2.0 activity diagrams?



- A. joins
- B. forks
- C. merges
- D. decisions
- E. initial nodes



F. flow final nodes

G. activity final nodes

Correct Answer: E

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