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QUESTION 1

What are the primary purposes of packages in UML 2.0? (Choose two)

- A. to group classes
- B. to provide a namespace
- C. to group features for a class
- D. to group modeling elements
- E. to avoid the constraints of a namespace

Correct Answer: BD

QUESTION 2

In the exhibit, what is the meaning of the {unique} designator?

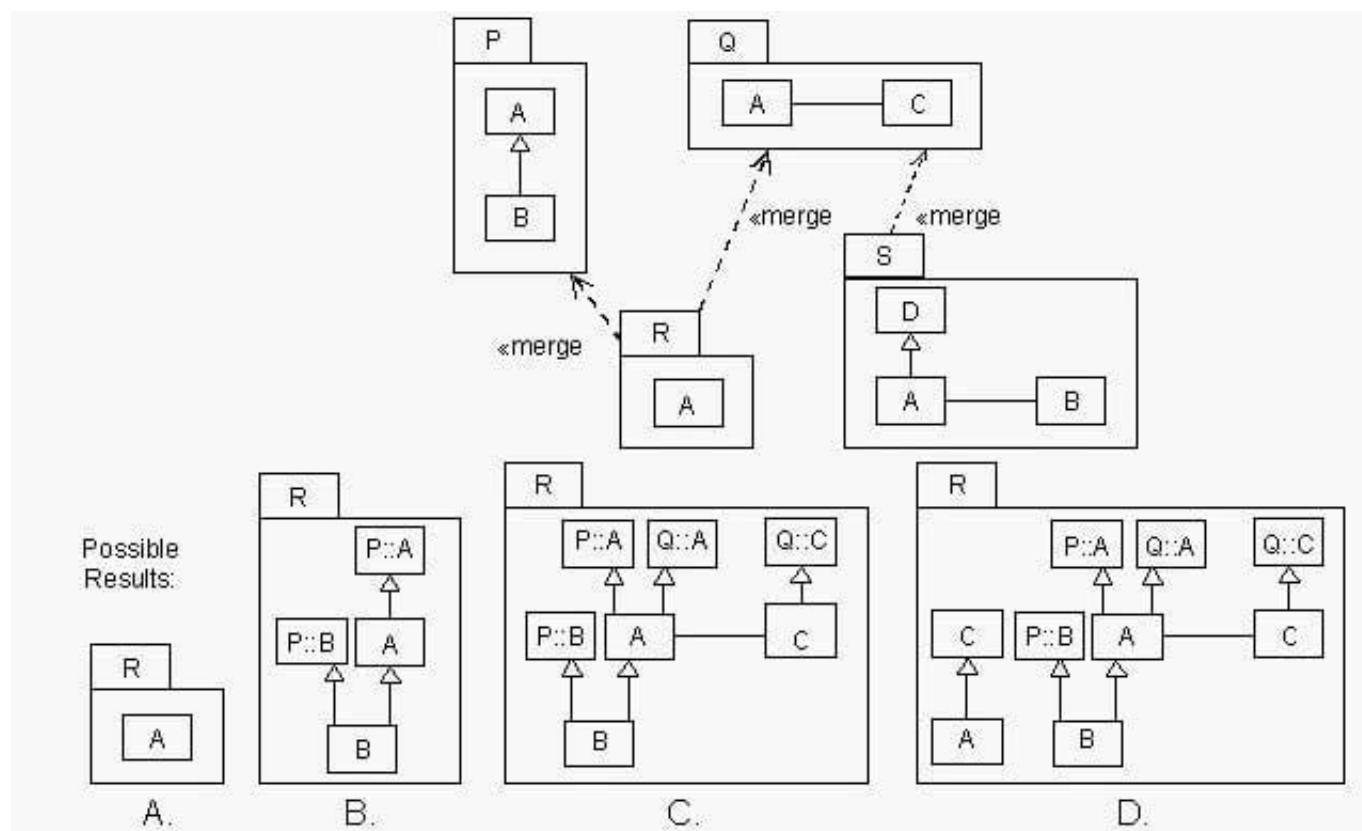


- A. instances of Account are unique
- B. multiplicity cannot be multivalued
- C. each of the customer's accounts are distinct
- D. only one account is associated with a customer
- E. each customer's account is not an account of another customer

Correct Answer: C

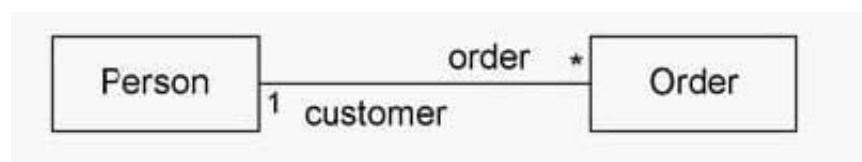
QUESTION 3

What is the result of the merge transformations for R in the exhibit?



QUESTION 4

What are the association end names in the exhibit?



E. 1, *, customer, order, Person, and Order

Correct Answer: B

QUESTION 5

What is an element in UML 2.0?

- A. member of a set
- B. instance of a class
- C. constituent of a model
- D. abstract metaclass with only one superclass
- E. substance not separable by ordinary chemical means

Correct Answer: C

QUESTION 6

What statements are true about interfaces? (Choose two)

- A. Interfaces are directly instantiable.
- B. Interfaces are not directly instantiable.
- C. A classifier may realize only one interface, but an interface may be realized by multiple classifiers.
- D. A classifier may realize more than one interface, but an interface may be realized by only one classifier.
- E. A classifier may realize more than one interface, and an interface may be realized by different classifiers.

Correct Answer: BE

QUESTION 7

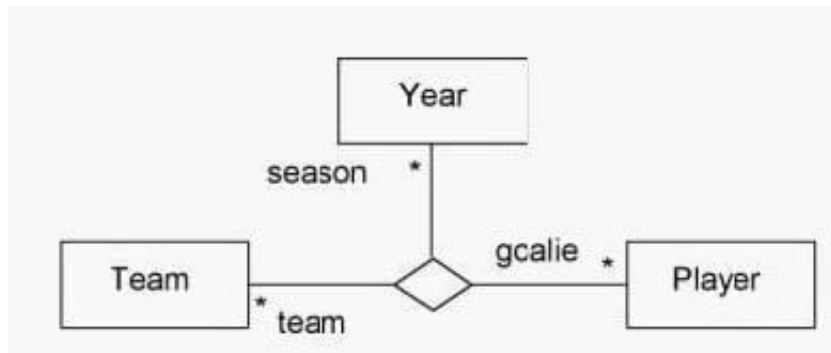
Which describes active classes?

- A. classes that have state machines
- B. classes whose instances may signal other objects
- C. classes whose instances have their own thread of control
- D. classes whose instances are able to execute one or more operations
- E. classes whose instances are actively executing one or more operations

Correct Answer: C

QUESTION 8

What does the diamond symbolize in the diagram?

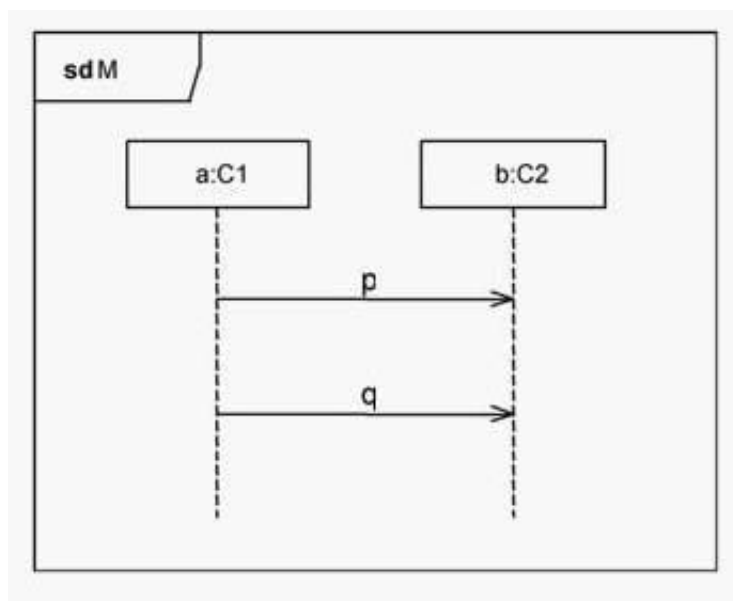


- A. decision point between three classes
- B. three-way message sent to three classes
- C. aggregation of team and goalie objects for a particular season
- D. binary association between instances of Team, Player, and Year
- E. ternary association between instances of Team, Player, and Year

Correct Answer: E

QUESTION 9

In the exhibit, there is one element with the identifier b. is true about this element?



- A. b is a class.

- B. b is of the type C2.
- C. b is defined local to M.
- D. b is contained in class C2.
- E. b must be a property of a composite structure.

Correct Answer: B

QUESTION 10

What term describes a customer ordering books via the web?

- A. user
- B. actor
- C. client
- D. subject
- E. user-case
- F. external system

Correct Answer: B

QUESTION 11

What about event order is true for simple interactions? (Choose two)

- A. Events are ordered from top to bottom in a sequence diagram.
- B. Events are ordered from top to bottom of a lifeline in a simple sequence diagram.
- C. When messages represent operation calls, their sending and receiving events coincide in time.
- D. The send event of a complete message comes before the receive event of the same message.
- E. The start event of an execution occurrence will coincide in time with the event representing the call of that operation.

Correct Answer: BD

QUESTION 12

What is true about a endency?

- A. defines communication between two model elements
- B. specifies how one element implements another element

- C. requires another element for its full implementation or operation
- D. signifies granting of access rights from the supplier model element to the client model element
- E. signifies granting of access rights from the client model element to the supplier model element

Correct Answer: D

QUESTION 13

In a sequence diagram, what does a stop symbol express?

- A. The interaction is no longer valid.
- B. A message is stopped short of its reception.
- C. The object represented by a lifeline terminates.
- D. The behavior of a lifeline halts within this diagram.

Correct Answer: C

QUESTION 14

If a well-defined activity has a parameter node with an incoming arrow and also contains a final node, which of these will always have values when the activity finishes?

- A. both
- B. final node
- C. one or both
- D. exactly one
- E. parameter node

Correct Answer: E

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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