Latest Version: 7.0

Question: 1

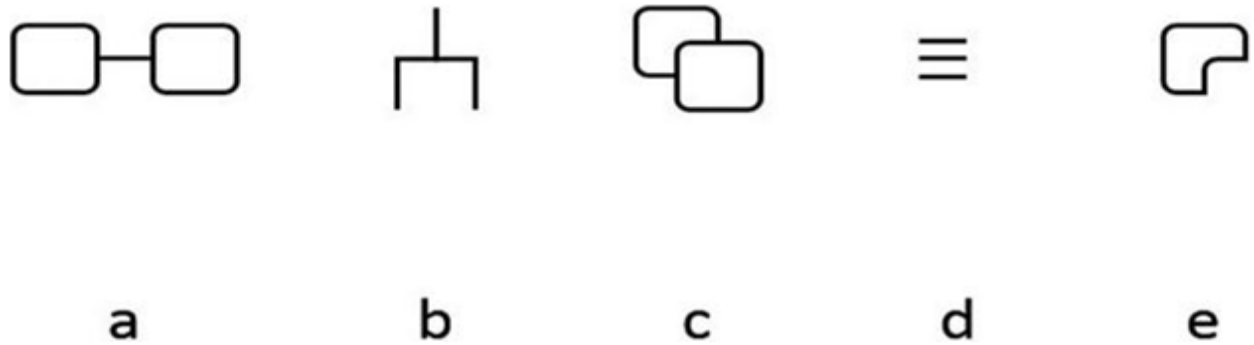
Zev works as the librarian at the local library. He can also borrow books as an ordinary library patron. How many actors are needed when modeling people like Zev in a use case diagram?
Response:

A. 1 actor
B. 2 unconnected actors
C. 1 actor and 1 external system
D. 2 actors connected by a generalization

Answer: B

Question: 2

What symbol is used to indicate that substates have been elided?



Response:

A. a
B. b
C. c
D. d
E. e

Answer: A

Question: 3

Consider as your system boundary a major consumer-oriented bank at the system level. What choice below has only legitimate Actors yet is most complete?

Response:

A. Depositor
B. Depositor, Borrower
C. Depositor, Borrower, Teller
D. Depositor, Borrower, Teller, Manager

Answer: B

Question: 4

What constraint applies to a stop in a UML interaction diagram?
Response:

A. Only one stop may occur in one interaction.
B. No other event occurrences may appear below a stop on a given lifeline in a simple interaction.
C. If there is a stop on one lifeline, there should be stops on all other lifelines within an interaction.
D. If one lifeline has a stop in one interaction, it should have stops in every interaction that it appears.

Answer: B

Question: 5

The heading on a diagram is stored in what shape?
Response:

A. A regular pentagon
B. An irregular rectangle
C. An irregular pentagon
D. A tab

Answer: C

Question: 6

What is the XMI in the UML specification used for?
Response:

A. The textual surface syntax
B. The constraints embedded In the model
C. To express models for interchange purposes
D. The ITU format to express models

Answer: C

Question: 7

What can be captured by use cases?
(Choose two)
Response:

A. requirements of the system
B. behaviors offered by the system
C. data and control flow of the system
D. changes in state over time of the system
E. user-interface specification of the system

Answer: A,B

Question: 8

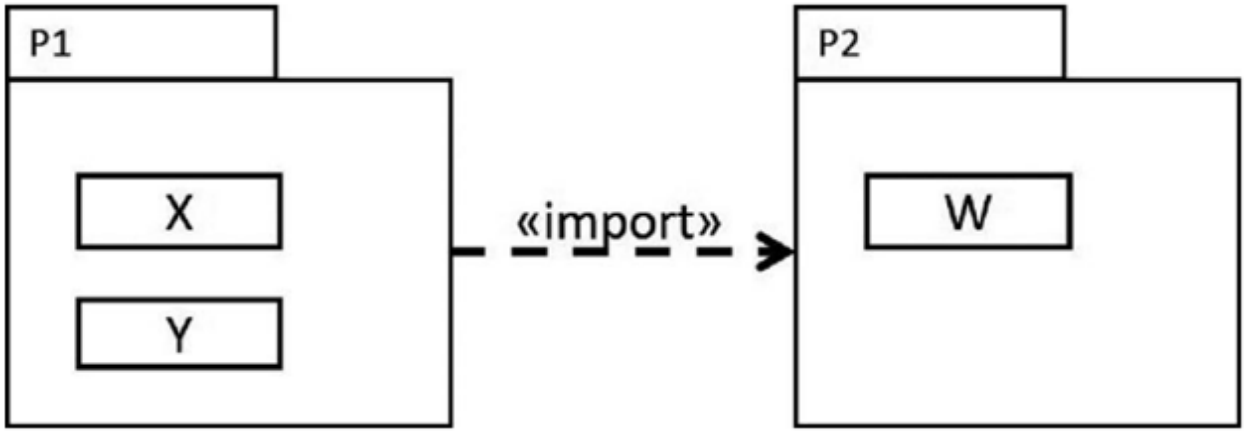
If you wish to prevent the userID parameter in the hailCar operation from being changed, what would be the safest approach?
Response:

A. hailCar(userID, …
B. hailCar(−userID, …
C. hailCar(inoutuserID, …
D. hailCar(userID {readOnly}, …

Answer: A

Question: 9

In the diagram fragment below, how would elements in P1 (such as X or Y) refer to W from P2?



Response:

A. W
B. P2.W
C. P2..W
D. P2: W
E. P2::W

Answer: A

Question: 10

What is the UML relationship between both myCar and yourCar and the class Car?
Response:

A. They are generalizations of the class Car.
B. They are models of the class Car.
C. They are examples of the class Car.
D. They are specializations of the class Car.
E. They are instances of the class Car.

Answer: E