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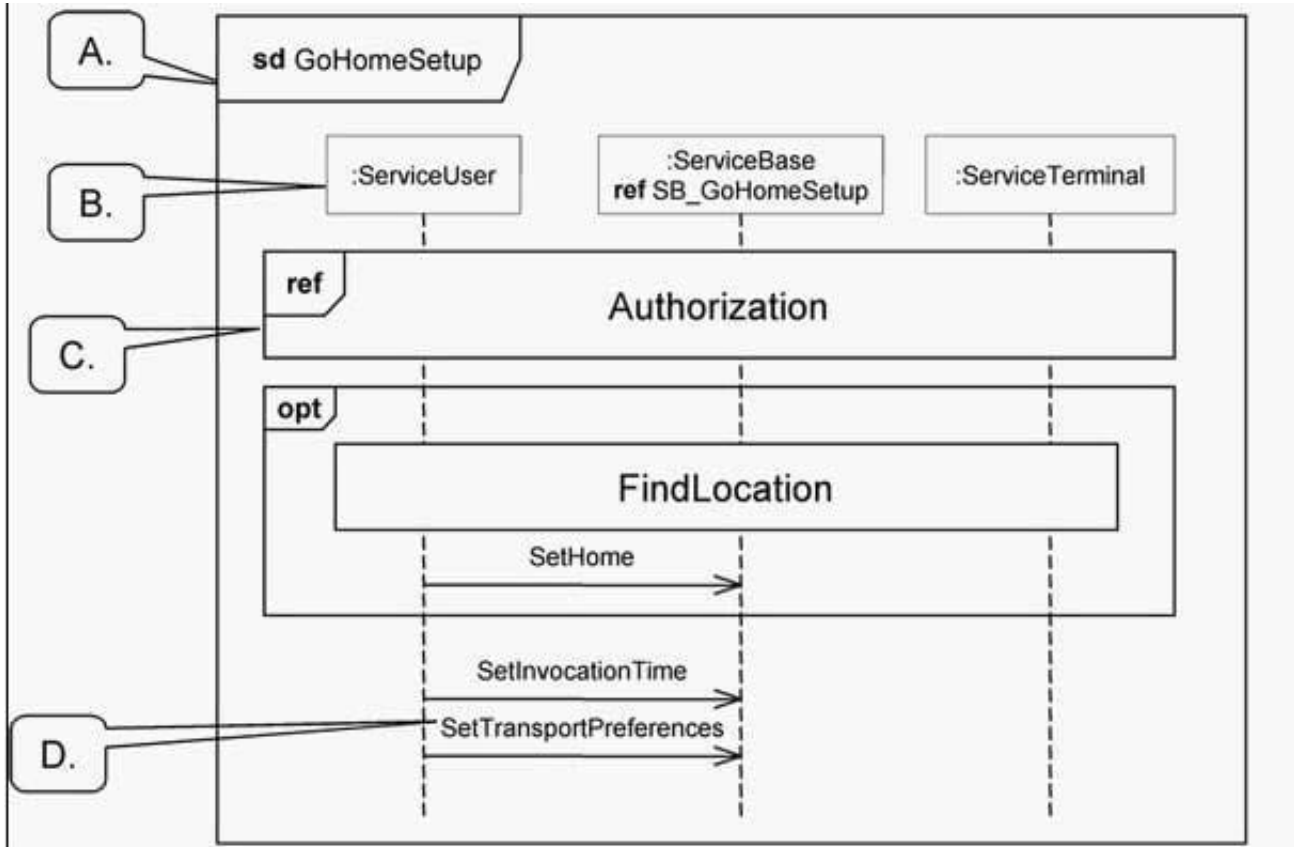Following Questions and Answers are all new published by OMG Official Exam Center

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QUESTION 1

In the exhibit, what is a lifeline?
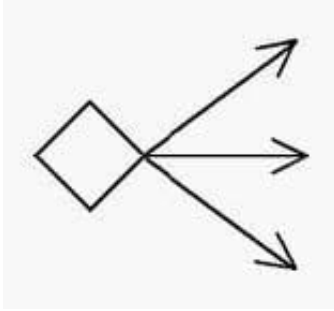

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 2

How many of the three arrows outgoing from the diamond shape (as depicted in the exhibit) will be given values at one time in a well-defined activity diagram?
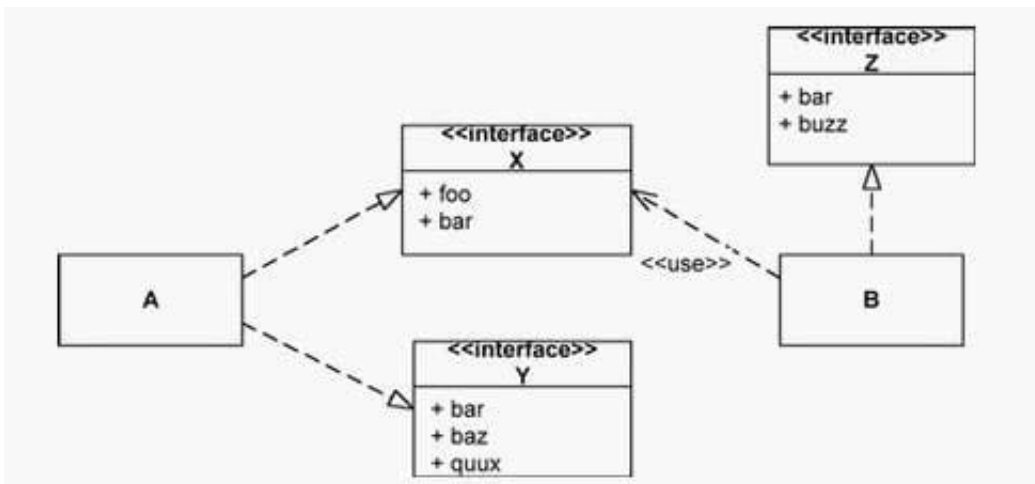
A. none

B. one

C. two

D. three

Correct Answer: B

QUESTION 3

Refer to the exhibit. n that class A realizes interfaces X and Y, and that class B realizes interface Y and uses interface Z, what operations must class A support?

A. union of the operations in interfaces X and Y

B. union of the operations in interfaces X, Y, and Z

C. intersection of the operations in interfaces X and Y

D. intersection of the operations in interfaces X, Y, and Z

E. not required to support any operations specified by the interfaces shown

Correct Answer: A

QUESTION 4
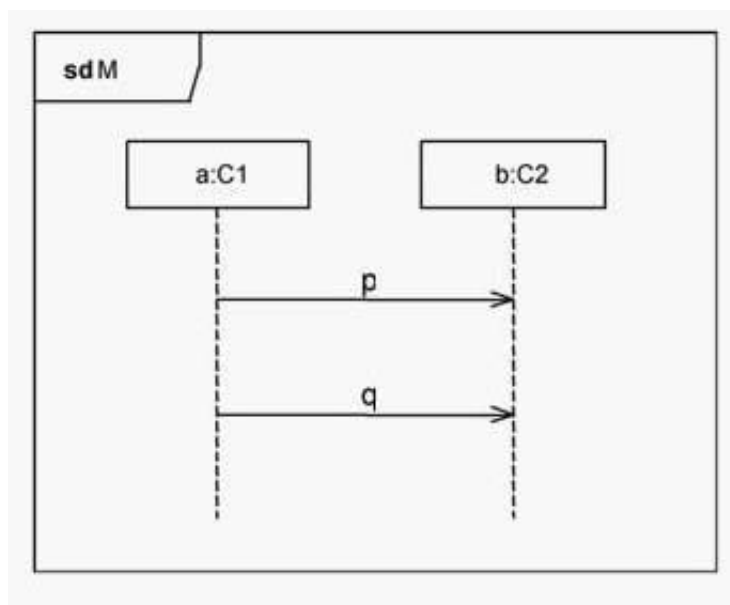
Which elements in an activity diagram can be redefined by which other elements? (Choose two)

A. nodes by nodes

B. nodes by edges

C. edges by edges

D. edges by nodes

E. states by states

F. transitions by transitions

Correct Answer: AC

QUESTION 5

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 6

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

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

Correct Answer: AB

QUESTION 7

What does multiplicity in UML 2.0 signify?

A. interval of integers

B. range of allowable cardinalities

C. sequence and uniqueness of association

D. ability to multiply two or more numbers

E. upper bound for the number of allowable instances

Correct Answer: B

QUESTION 8

What does an activity contain? (Choose two)

A. edges

B. nodes

C. states

D. classes

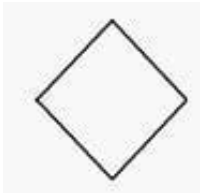E. lifelines

F. messages

Correct Answer: AB

QUESTION 9

What are some of the important semantics of packages? (Choose three)

A. A class may be owned by multiple packages.

B. An element may be owned by at most one package.

C. The public contents of a package are accessible outside the package.

D. The public contents of a package are not accessible outside the package.

E. If a package is removed from a model, the owned contents are removed.

F. If a package is removed from a model, the owned contents are reassigned.

Correct Answer: BCE

QUESTION 10

What does amond shape (as depicted in the exhibit) represent in UML 2.0 activity rams? (Choose two)

A. joins

B. forks

C. merges

D. decisions

E. initial nodes

F. flow final nodes

G. activity final nodes

Correct Answer: CD

QUESTION 11

What do shapes in activity diagrams with no labels inside represent?

A. states

B. actions

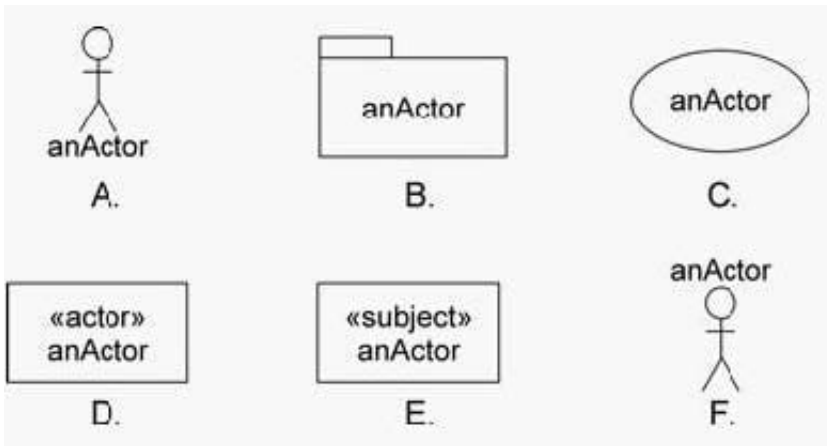C. activities

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D. behaviors

E. object nodes

F. control nodes

Correct Answer: F

QUESTION 12

Which icons are a standard representation for an actor? (Choose three) A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

F. Option F

Correct Answer: ADF

QUESTION 13

What is a selector of a lifeline?

A. a scheduler that chooses the next lifeline on which to run

B. a specific lifeline that selects a resource from a resource pool

C. a construct to select one lifeline out of all the lifelines in the diagram

D. an expression selecting one out of a set; a general indexing mechanism

Correct Answer: D

QUESTION 14

How many diamond shapes can appear in a well-defined activity diagram?

A. exactly two

B. any number

C. an odd number

D. an even number

Correct Answer: B

QUESTION 15

What is true about constraints in UML 2.0? oose two)

A. can be named

B. cannot be named

C. must be true to be satisfied

D. can be applied to themselves

E. can result in any number of possibilities

Correct Answer: AC

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