OMG

Exam OMG-OCUP2-ADV300

OMG Certified UML Professional 2 (OCUP 2) - Advanced Level

Version: 6.0

[Total Questions: 134]

Question No : 1

What is NOT possible when a classifier receives a request via one of its ports?

A. A new port is created on the classifier.
B. A behavior of the classifier is invoked.
C. The request does not trigger any behavior and is not forwarded.
D. The request is forwarded to a part of the classifier.
E. The port routes the request to one of a number of parts depending on the content of ther equest.
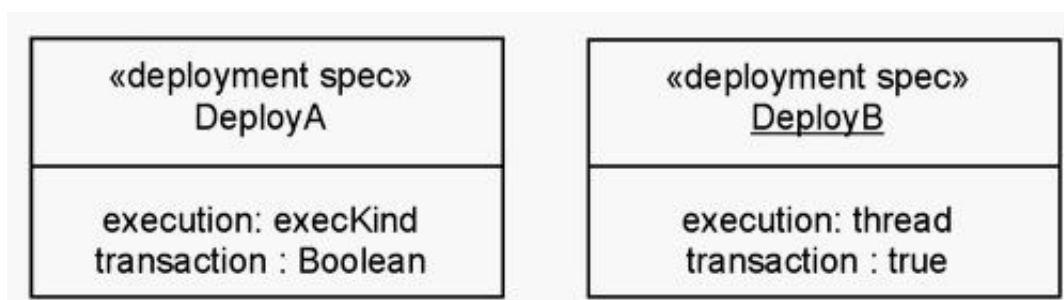
Answer: A

Question No : 2

An association class possesses the properties of which elements? (Choose two)

A. class
B. interface
C. expression
D. constraint
E. association

Answer: A,E

Question No : 3

In the exhibit, at which levels are the DeploymentSpecifications?

A. DeployA = instance level, DeployB = instance level
B. DeployA = spec level, DeployB = spec level

C. DeployA = spec level, DeployB = instance level
D. DeployA = instance level, DeployB = spec level

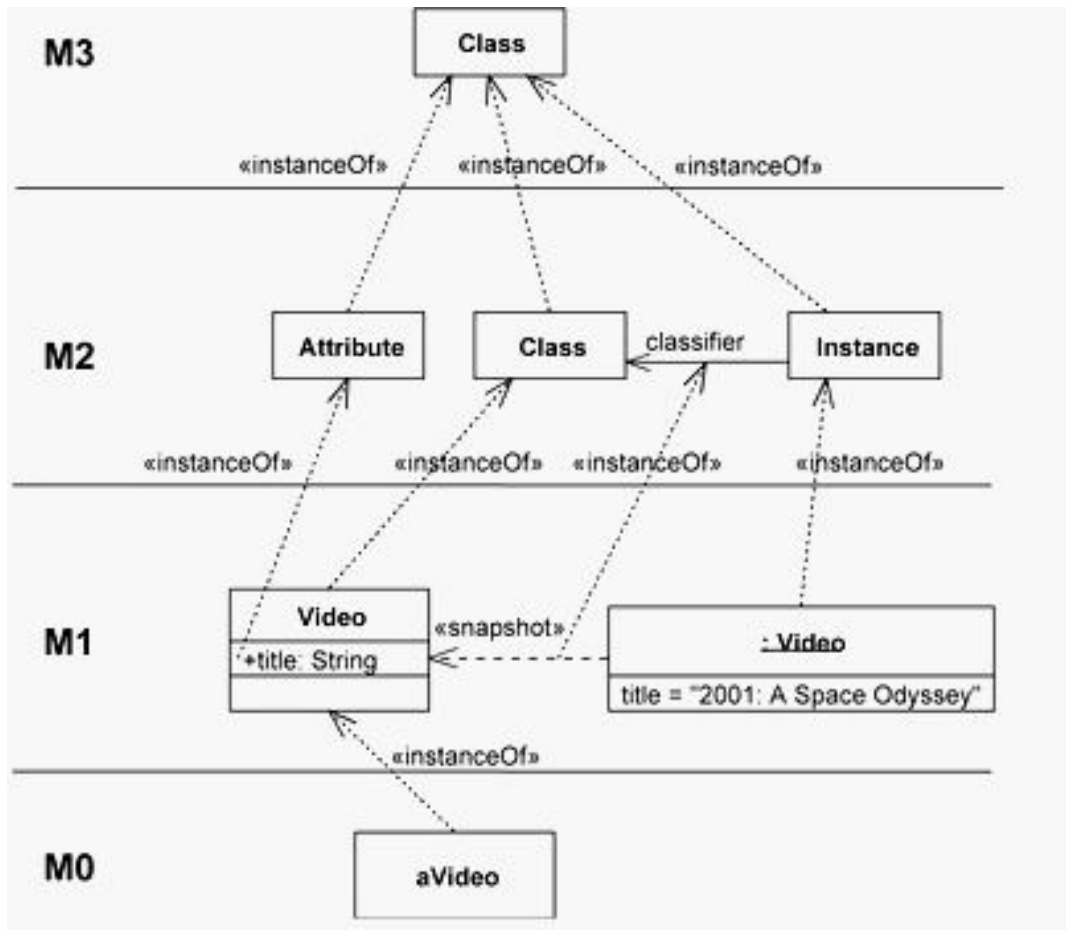**Answer: C**

Question No : 4

What is true of bound classes? (Choose two)

A. can have properties in addition to the ones from the class it is binding
B. is a class that is bound by association with another class to be used in a specific context
C. can be used as the superclass of another class
D. is a class that is used as an lower or upper bound of interval specifications
E. can only have one binding

Answer: A,C

Question No : 5

To which layers in the 4-layer metamodel hierarchy for the UML metamodel (as depicted in the exhibit) do M1 and M2 correspond?
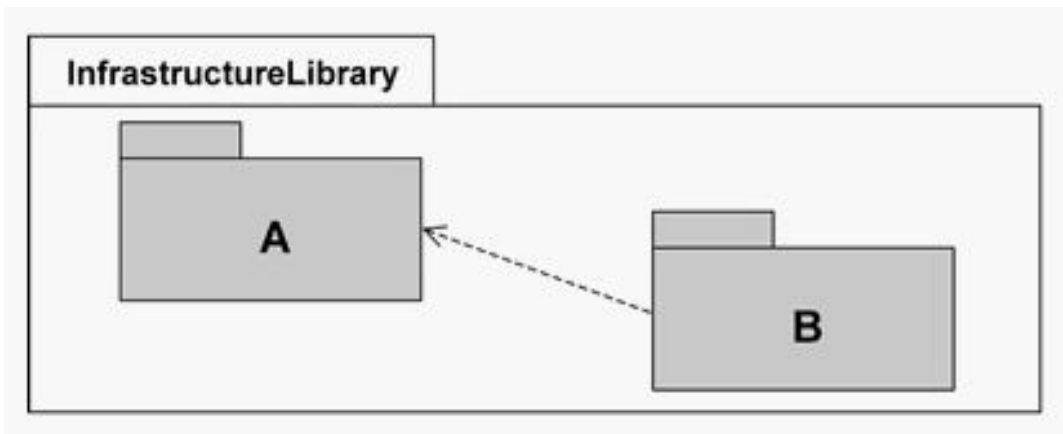
A. M2 = MOF meta-metamodel; M1 = UML metamodel
B. M2 = UML metamodel; M1 = MOF meta-metamodel
C. M2 = UML metamodel; M1 = user model
D. M2 = user model; M1 = UML metamodel
E. M2 = user model; M1 = runtime instances

Answer: C

Question No : 6

What are the correct identities of packages A and B for the InfrastructureLibrary package in the exhibit?

A. A = Basic; B = Profiles
B. A = Core; B = Profiles
C. A = Abstractions; B = Constructs
D. A = Core; B = Superstructure
E. A = PrimitiveTypes; B = Core

Answer: B

Question No : 7

What happens to the exception from a RaiseExceptionAction when used in a model that has no exception parameters declared?

A. sent to the "ExceptionManager" object
B. appended to an exception log
C. handled by a default handler
D. propagated to an enclosing protected node, if any
E. ignored

Answer: D

Question No : 8

What does OCL stand for?

A. Object-Oriented Constraint Language
B. Object Control Language
C. Oslo Computer Language
D. Object Constraint Language

E. Object Computing Language

Answer: D

Question No : 9

What is usually true of an ExecutionEnvironment?

A. an implementation of a state machine
B. a standalone type of node
C. part of a more general node
D. an infrastructure in which actions occur

Answer: C

Question No : 10

Which UML superstructure packages are mandatory compliance points?

A. The Kernel package.
B. All superstructure packages are optional compliance points.
C. All superstructure packages are mandatory compliance points.
D. The Classes, UseCases and Interactions packages.
E. All basic layer packages are mandatory compliance points.

Answer: A

Question No : 11

What is true of a protocol state machine?

A. must be associated with exactly one classifier
B. may be associated with any number of classifiers
C. may have a behavioral feature context
D. cannot be associated with a classifier

Answer: A

Question No : 12

Which statements are true about OCL? (Choose three)

A. OCL is a programming and procedural language.
B. OCL is a procedural language.
C. OCL is a programming language.
D. OCL is a typed language.
E. OCL is a specification language.
F. OCL is a query language.

Answer: D,E,F

Question No : 13

If a data store node has three values and one moves across an outgoing edge, how manya re left?

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

Answer: C

Question No : 14

What can be used when the source of an object flow has values of type Customer, and the target needs the name of the customer?

A. ordering
B. selection
C. weight
D. effect
E. upper bound
F. transformation

Answer: F

Question No : 15

What are the instances of a power type?

A. associations
B. association instances
C. association classes
D. classifiers
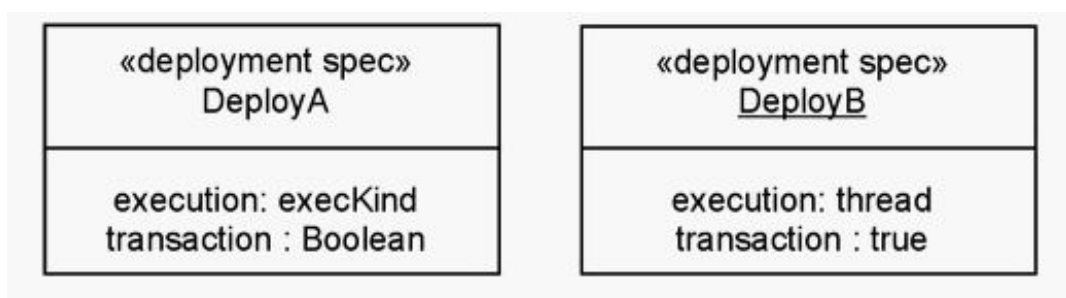
Answer: D

Question No : 16

What happens to the exception from a RaiseExceptionAction when used in a model that has no exception parameters declared?

A. ignored
B. appended to an exception log
C. sent to the "ExceptionManager" object
D. handled by a default handler
E. propagated to an enclosing protected node, if any

Answer: E

Question No : 17

In the exhibit, at which levels are the DeploymentSpecifications?

«deployment spec» DeployA	«deployment spec» DeployB
execution: execKind transaction : Boolean	execution: thread transaction : true

A. DeployA = spec level, DeployB = instance level
B. DeployA = spec level, DeployB = spec level
C. DeployA = instance level, DeployB = spec level
D. DeployA = instance level, DeployB = instance level

Answer: A

Question No : 18

If an activity is executed three times in parallel, how many executions exist? (Choose two)

A. any number
B. none
C. two
D. one
E. three

Answer: D,E

Question No : 19

Which classifiers may NOT realize an InformationItem?

A. InformationItem
B. Interface
C. ObjectNode
D. Component
E. Signal
F. Class

Answer: C

Question No : 20

What determines how many values will move across an object flow edge at one time?

A. upper bound

B. weight

C. effect

D. transformation

E. ordering

F. selection

Answer: B

Question No : 21

If a data store node has three values and one moves across an outgoing edge, how manya re left?

A. two

B. none

C. one

D. three

Answer: D

Question No : 22

What are the ways that the UML metamodel reuses the InfrastructureLibrary package? (Choose two)

A. specializes meta-metaclasses that are defined in the InfrastructureLibrary

B. stereotypes meta-metaclasses that are defined in the InfrastructureLibrary

C. exports and generalizes metaclasses in the InfrastructureLibrary

D. imports and specializes metaclasses in the InfrastructureLibrary

E. is instantiated from meta-metaclasses that are defined in the InfrastructureLibrary

Answer: D,E

Question No : 23

An employee inadvertently removed all of the ownedMembers of the new BoosterMotor component from his company's development repository. The next day, the manager was unable to find some pieces of the BoosterMotor component's specification. What pieces

could the manager no longer find? (Choose two)

A. the component's isIndirectlyInstantiated attribute
B. the component repository
C. test scripts for the rocket sled simulation
D. the launch assembly housing the BoosterMotor
E. failure mode use cases

Answer: C,E

Question No : 24

What characteristic of an object node can prevent it from receiving a value?

A. transformation
B. upper bound
C. effect
D. weight
E. ordering
F. selection

Answer: B

Question No : 25

Duplicates are NOT allowed in which OCL types?

A. Sequence
B. Bag
C. Collection
D. Set

Answer: D

Question No : 26

What has the same effect as an activity final node when it receives a value?

A. exception parameter
B. interruptible region
C. expansion region
D. output parameter
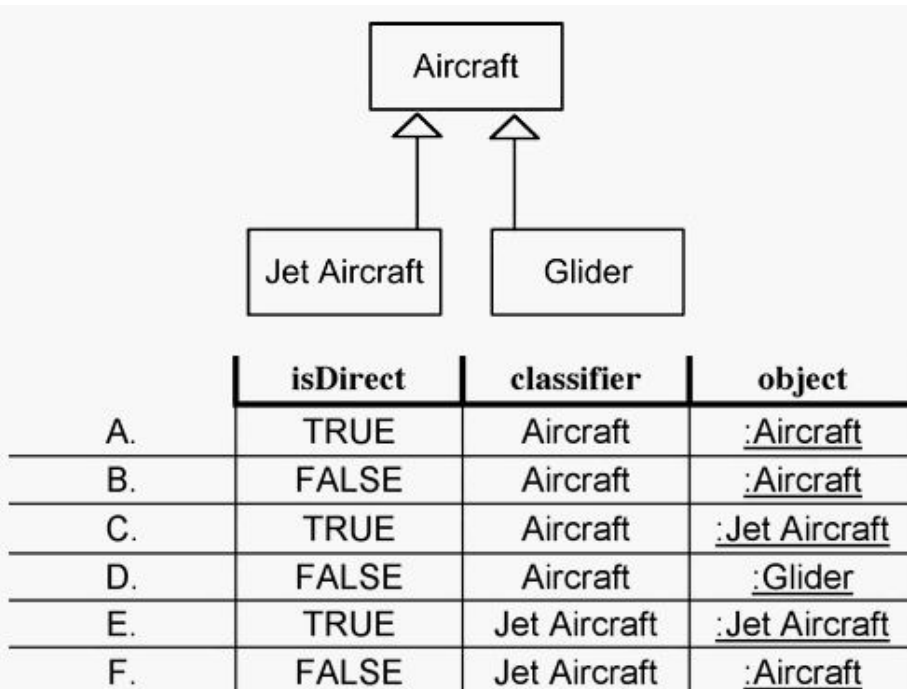**E.** object node

Answer: A

Question No : 27

Where do the outputs of a loop node come from?

A. loop variable pins
B. output parameters
C. object flows
D. loop node results

Answer: A

Question No : 28 CORRECT TEXT

In the exhibit, what two input sets would yield a FALSE result when invoking a ReadIsClassifiedObjectAction? (Choose two)

	isDirect	classifier	object
A.	TRUE	Aircraft	:Aircraft
B.	FALSE	Aircraft	:Aircraft
C.	TRUE	Aircraft	:Jet Aircraft
D.	FALSE	Aircraft	:Glider
E.	TRUE	Jet Aircraft	:Jet Aircraft
F.	FALSE	Jet Aircraft	:Aircraft

Answer: C.F

Question No : 29

What is a structured classifier? A classifier_____.

A. that must have one or more ports
B. which must have private and/or protected structural features
C. with some/all behavior described by its internal structure
D. that must contain parts and connectors

Answer: C

Question No : 30

What is true about an InformationItem in UML 2.0?

A. is not an abstraction
B. can have generalization
C. can have associations
D. is not instantiable
E. can have features

Answer: D
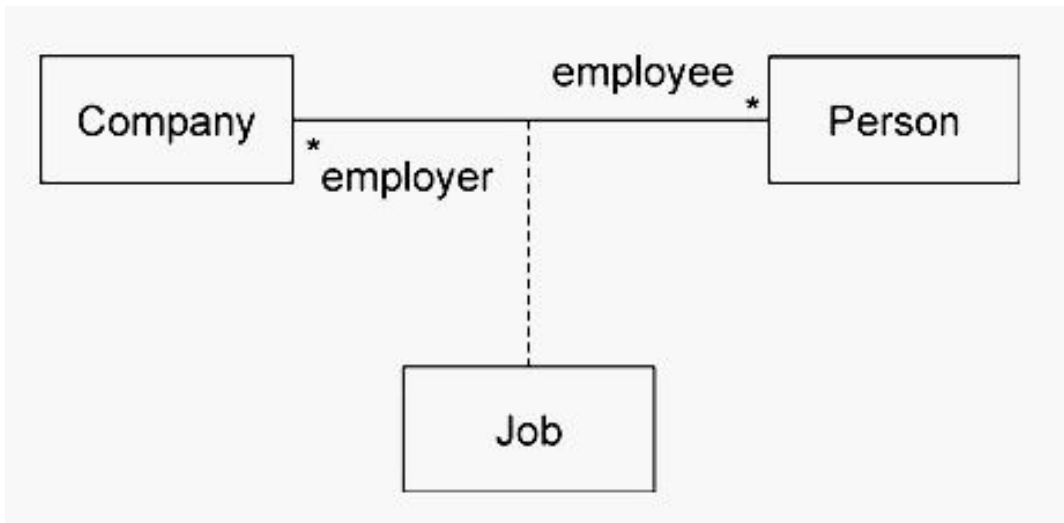

Question No : 31

If an action has a behavior with three sets of parameters, how many of the sets can provide output for a single execution of the behavior?

A. one
B. three
C. any number
D. two

Answer: A

Question No : 32

What is the correct interpretation for the multiplicities in the exhibit?

A. each Person has at most one Job for any number of Company objects and each Company has at most one Job for any number of Person objects
B. each Job is for one employer and one employee, each Company has any number of employees and each Person has any number of employers
C. each Company has one Job, where each Job has one employee
D. each Job has any number of employers and any number of employees, each Company has any number of employees, and each Person has any number of employers

Answer: B

Question No : 33

A DeploymentSpecification serves what purpose?

A. indicates the kind of casters upon which a device sits
B. gives a deployment a name so it can be referenced in constraints
C. describes the type of input-output medium used to create a deployment
D. parameterizes a deployment relationship

Answer: D

Question No : 34

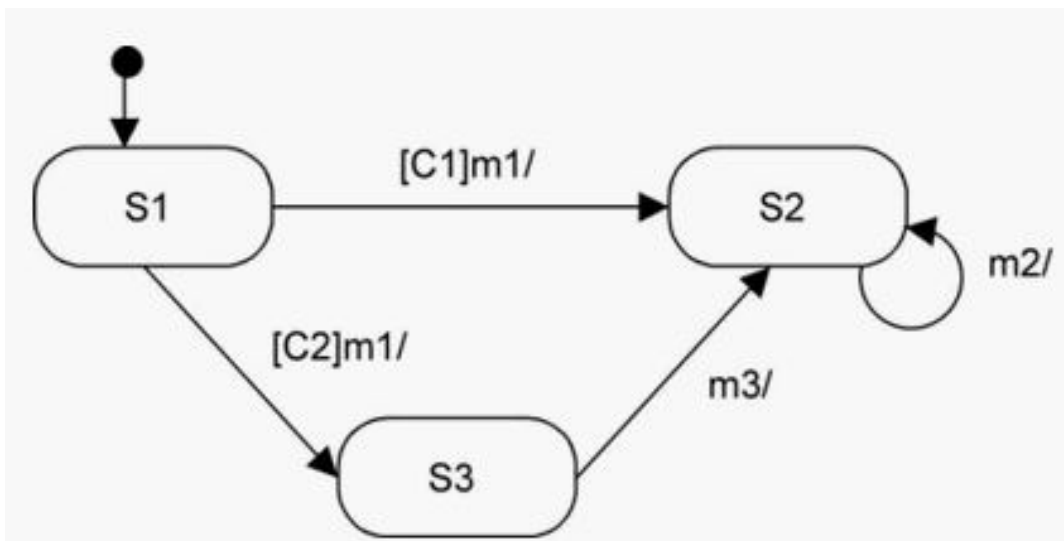What is wrong with the collaboration occurrence shown in the exhibit?

A. The <<role>> keywords are missing.
B. The <<occurrence>> keyword is missing.
C. Client and Server role names should be underlined.
D. The collaboration occurrence name should be underlined.
E. Role bindings should be represented by dashed lines.

Answer: E

Question No : 35

In the exhibit, what does the protocol state machine in the diagram specify?

A. Either condition C1 or condition C2 must be true before the associated classifier can be invoked.
B. Both condition C1 or condition C2 must be true before the associated classifier can be invoked.
C. Only behavioral features m1, m2, and m3 can be invoked on instances of the associated classifier.
D. A client of the associated classifier must always first invoke behavioral feature m1.

Answer: D