

# OMG-OCUP-300<sup>Q&As</sup>

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#### QUESTION 1

What does the internal structure of a node consist of?

- A. an elaborate arrangement of classifiers of various types
- B. parts of type Nodule
- C. exactly three CommuncationPath connectors
- D. parts of type Node
- E. nodes cannot have internal structure

Correct Answer: D

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#### QUESTION 2

What is an abstract type in OCL?

- A. Set
- B. Collection
- C. Sequence
- D. Bag
- E. Integer

Correct Answer: B

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#### QUESTION 3

In what way can a UML 2.0 device best be described? (Choose two)

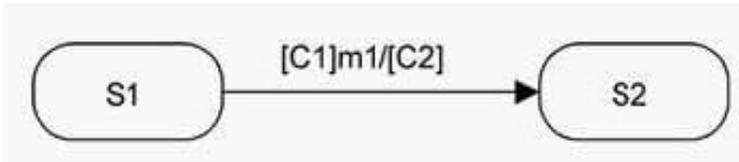
- A. an operating system data structure representing a physical hardware component
- B. a wireless network router
- C. possibly nested with other devices
- D. a standalone hardware component, such as a disk drive or printer
- E. a physical computational resource with processing capabilities

Correct Answer: CE

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#### QUESTION 4

In the protocol state machine exhibited, what does m1 represent?



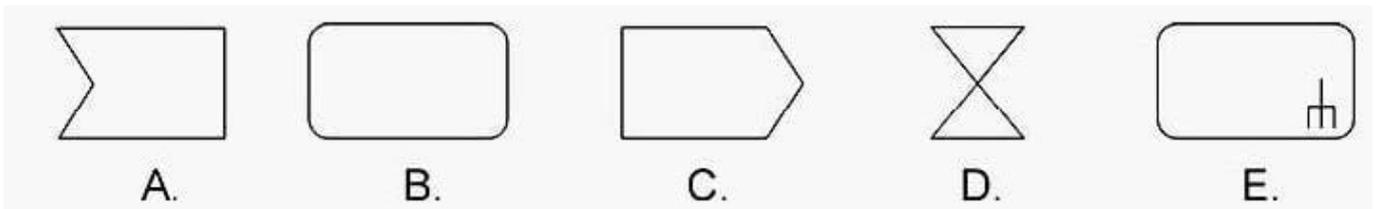
- A. part of a guard condition for the transition between S1 and S2
- B. an operation that is a feature of the corresponding interface
- C. a method corresponding to operation m1
- D. an invocation of the operation m1 of the corresponding interface

Correct Answer: B

### QUESTION 5

CORRECT TEXT

Which symbol depicts an Accept Time Event Action?



- A. A
- B. B
- C. C
- D. D
- E. E

Correct Answer: D

### QUESTION 6

What does the deployment exhibit describe? (Choose three) A. a relationship between one AppServer and many DBServers



- B. two nodes
- C. a ternary association of nodes
- D. a relationship between one AppServer and one DBServer
- E. a communication path
- F. two classifiers linked by an association

Correct Answer: BEF

#### QUESTION 7

What is true about a parameterized class? (Choose two) A. A class with parameters that are names of other, imported classes, and the binding tells which actual classes are imported.

- A. A class where all methods in the class are parameterized.
- B. A class with different variants, and the parameters tell how the class may vary.
- C. Names of elements within a parameterized class can be parameters of the class.
- D. A class with parameters where the actual parameters are provided when creating instances of the class.
- E. A class where some of the elements used for its definition are parameters.

Correct Answer: D

#### QUESTION 8

What characteristics of components best enable them to be used to represent diverse and "largescale" aspects of information processing environments?

- A. ports, parts, and interfaces
- B. duality of association ends and attributes
- C. black-box semantics
- D. ownership of potentially large numbers of model elements

Correct Answer: D

### QUESTION 9

What happens if the explicit context declaration is omitted from an OCL statement on a diagram?

- A. Nearest operation is made the context.
- B. Nearest classifier is made the context.
- C. Context may be specified by a dashed line.
- D. Last identified context is used.
- E. Statement is malformed.

Correct Answer: C

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### QUESTION 10

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

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

Correct Answer: D

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### QUESTION 11

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.

Correct Answer: A

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### QUESTION 12

What is true about an information flow?

- A. requires that a relationship (dependency, association, connector, etc.) does not exist between sources and targets
- B. defines the order in which information is exchanged
- C. may directly indicate a concrete element such as a class, and is conveyed instead of using an information item
- D. requires that a relationship (dependency, association, connector, etc.) exists between sources and targets

Correct Answer: C

### QUESTION 13

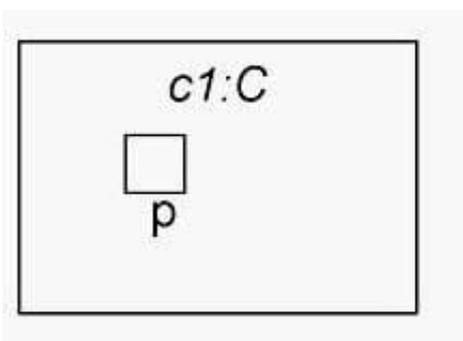
What standard UML stereotype best captures a component's ability to represent larger-scale features of a data processing installation?

- A.
- B.
- C.
- D.
- E.

Correct Answer: B

### QUESTION 14

What does the composite structure notation show in the exhibit?



- A. p is a hidden port.
- B. p is a behavior port.
- C. p is a port on a part of composite C, which is not shown.

D. p is a port providing a system service.

Correct Answer: A

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#### QUESTION 15

By what means can a design document be associated with the component it describes? (Choose three)

- A. import
- B. dependency
- C. association end subsets
- D. ownership
- E. inheritance
- F. power types

Correct Answer: ABD

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