

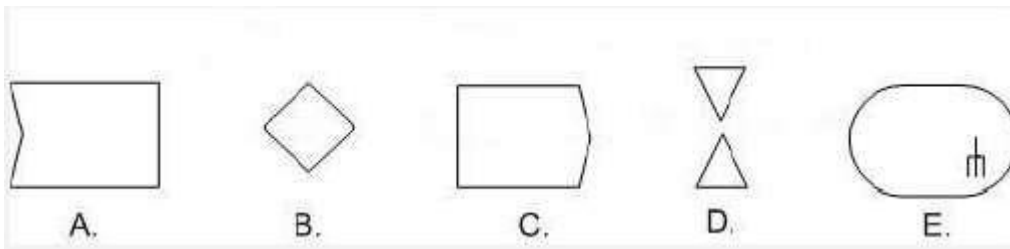
OMG

OMG-OCUP2-INT200 Exam

**OMG Certified UML Professional 2 (OCUP 2):
Intermediate Level Exam**

QUESTION: 1

What symbol depicts a Call Behavior Action?



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

Answer: E

QUESTION: 2

What is permitted for the profile mechanism?

- A. creates new metamodels
- B. removes existing metamodels
- C. extends existing metamodels
- D. changes existing metamodels

Answer: C

QUESTION: 3

What does it mean when message m is ignored in a combined fragment?

- A. Nothing happens within the fragment until m appears.
- B. Message m appears only in illegal traces of the fragment.
- C. If m happens, the system should abort.
- D. One or more m messages may appear at any point within the fragment.

Answer: D

QUESTION: 4

What is true of outgoing transitions from a fork pseudo state?

- A. are taken serially in arbitrary order
- B. can only exist if the object is declared concurrent
- C. are mutually exclusive
- D. may have guards
- E. must terminate in different regions of a state

Answer: E

QUESTION: 5

What is true of a composite state with two regions?

- A. is a kind of submachine state
- B. is equivalent to two states with one region each
- C. is executed concurrently
- D. is an orthogonal state
- E. can have separate entry and exit actions for each region

Answer: D

QUESTION: 6

What does a state list represent?

- A. set of states that share a single outgoing transition
- B. notational shorthand for a set of states
- C. set of states that share the same entry and exit actions
- D. list of the substates of a composite state

Answer: B

QUESTION: 7

What statement is true if a port delegates to multiple ports on subordinate components?

- A. at execution time, signals will be delivered from the subordinate ports to the delegating port
- B. subordinate ports must collectively offer the delegated functionality of the delegating port
- C. subordinate ports must be type compatible with the delegating port
- D. multiple delegation is not allowed

Answer: B

QUESTION: 8

What characteristic does a behavior port possess?

- A. owns the behavior of the classifier that owns the port
- B. must have a protocol state machine
- C. has its own behavior that is distinct from the behavior of the classifier
- D. relays any incoming messages directly to the behavior of the owning object
- E. defines the behavior that the owning classifier must realize
- F. is a kind of behavior

Answer: D

QUESTION: 9

What kind of element is a central buffer?

- A. object node
- B. control node
- C. action
- D. behavior
- E. activity
- F. state

Answer: A

QUESTION: 10

Which statements apply to arguments of interaction occurrences? (Choose two.)

- A. Arguments to interaction occurrences only apply when the corresponding interaction is value returning.
- B. The arguments may be constants (literals).
- C. An argument of an interaction occurrence must only have simple types.
- D. Arguments to interaction occurrences must always correspond to IN-parameters.
- E. The arguments may refer to parameters of the enclosing interaction.

Answer: BE

QUESTION: 11

What is the difference between a tag definition and a tagged value?

- A. The properties of metaclasses are sometimes referred to as tag definitions. When a metaclass is applied to a model element, the values of the properties may be referred to as tagged values.
- B. The properties of stereotypes are sometimes referred to as tagged values. When a stereotype is applied to a model element, the values of the properties may be referred to as tag definitions.

- C. The properties of stereotypes are sometimes referred to as tag definitions. When a stereotype is applied to a model element, the values of the properties may be referred to as tagged values.
- D. They are synonyms.

Answer: C

QUESTION: 12

An encapsulated classifier is characterized by which fact?

- A. acts as a package and can own one or more classifiers
- B. hides information from other classifiers
- C. can own one or more ports
- D. has an encapsulation shell

Answer: C

QUESTION: 13

How many arrows can point from a flow final node?

- A. one
- B. any number
- C. none
- D. two

Answer: C

QUESTION: 14

When either a message m or a message q is to be sent-but not both-what kind of operator for combined fragment would be used?

- A. var
- B. break
- C. opt
- D. par
- E. alt

Answer: E

QUESTION: 15

What is true when invoking a CreateObjectAction?

- A. Behaviors can be executed.
- B. Initial expressions can be evaluated.
- C. The classifier cannot be abstract.
- D. State machine transitions can be triggered.
- E. The classifier cannot be an association class.

Answer: C

QUESTION: 16

What is a Connection Point Reference used to declare?

- A. a pointer to a connection point
- B. a submachine state
- C. an entry or exit point of a submachine state
- D. an entry or exit point of a state
- E. a pseudostate

Answer: C

QUESTION: 17

A protocol state machine can be used to describe which aspect of a component?

- A. configuration of an assembly
- B. external contract of a component
- C. signal flow among connectors
- D. internals of a component

Answer: B

QUESTION: 18

What does a conditional node consist of?

- A. clauses
- B. guards
- C. parameters
- D. body Part nodes
- E. behaviors
- F. partitions

Answer: A

QUESTION: 19

What is the meaning of a required extension?

- A. An instance of the extending stereotype must always be linked to an instance of the extended metaclass.
- B. This extension has a higher priority than the other defined in the same profile.
- C. An instance of the extending stereotype must never be linked to an instance of the extended metaclass.
- D. The extension must be applied at least once in a model.

Answer: A

QUESTION: 20

What does a run-to-completion processing for state machines mean?

- A. No other event will be processed until the current event is fully processed.
- B. The thread executing the state machine cannot be pre-empted by the scheduler.
- C. The executions of orthogonal regions are serialized.
- D. Interrupts are disabled while the state machine is running.

Answer: A