Free Questions for OMG-OCSMP-MBI300 by vceexamstest

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Question 1

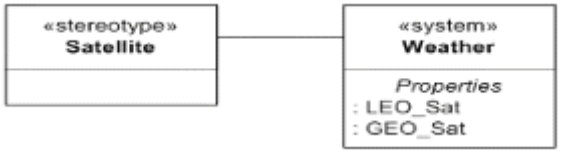
Question Type: MultipleChoice

Choose the correct answer.

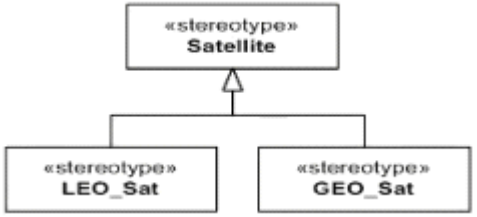
An engineer is building a model of a system that includes both Low Earth Orbit (LEO) and Geosynchronous Orbit (GEO) satellites.

Which diagram fragment shows a well-designed set of domain stereotypes that can be applied to the blocks representing those system elements?

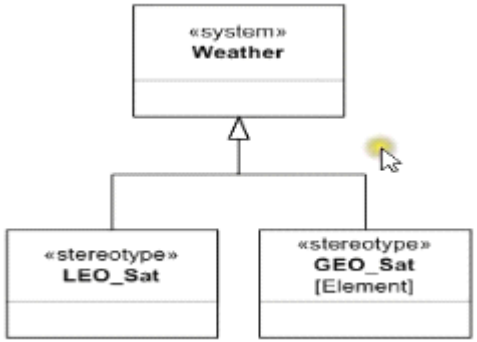
A)



B)



C)



D)

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B

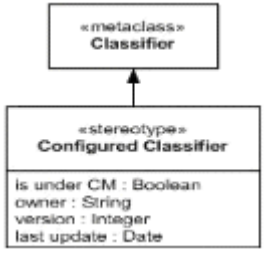
Question 2

Question Type: **MultipleChoice**

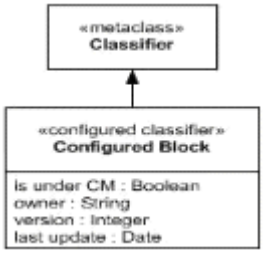
Choose the correct answer

Which diagram fragment validly depicts adding properties to a stereotype?

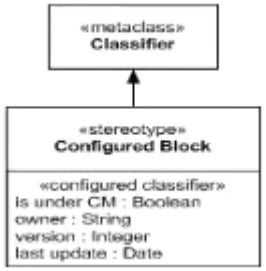
A)



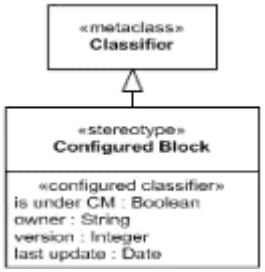
B)


«metaclass»
Classifier
«configured classifier»
Configured Block
Is under CM : Boolean
owner : String
version : Integer
last update : Date

C)


«metaclass»
Classifier
«stereotype»
Configured Block
«configured classifier»
Is under CM : Boolean
owner : String
version : Integer
last update : Date

D)


«metaclass»
Classifier
«stereotype»
Configured Block
«configured classifier»
is under CM : Boolean
owner : String
version : Integer
last update : Date

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

D

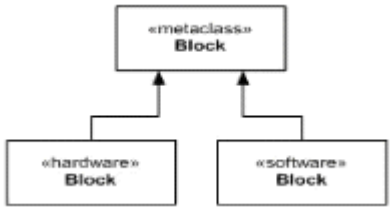
Question 3

Question Type: MultipleChoice

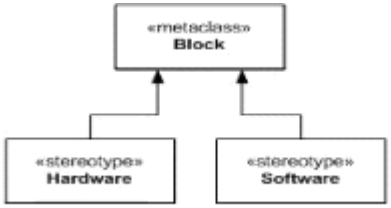
Choose the correct answer.

Which package diagram fragment depicts the definitions of the stereotypes Hardware and Software?

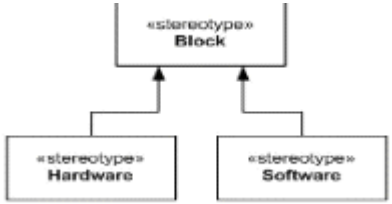
A)



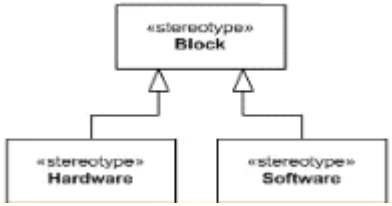
B)



C)



D)



Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B

Question 4

Question Type: MultipleChoice

Choose the correct answer

What is the key distinction between a profile and a meta model?

Options:

A- A metamodel is used to define the stereotypes and the properties of a profile.

B- A metamodel Is the result of applying a profile to a user model to define new domain concepts.

C- A profile is a mechanism for extending existing concepts defined In a metamodel.

D- A profile is a mechanism for defining stereotypes, which is not related to metamodels in any way.

Answer:

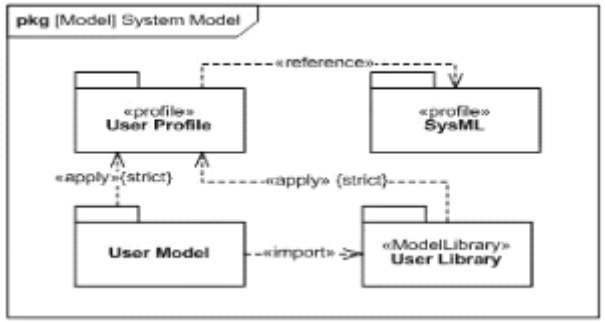
B

Question 5

Question Type: MultipleChoice

Choose the correct answer.

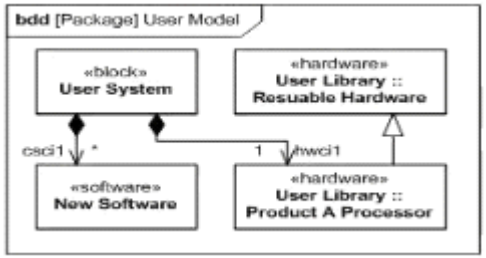
Given the following package diagram depicting profile and model library relationships to a user model.



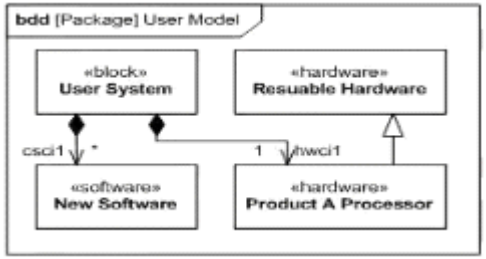
The User Profile extends SysML with two new stereotypes of Block Hardware and Software.

Which bdd fragment is valid, yet does not contain unnecessary or redundant information?

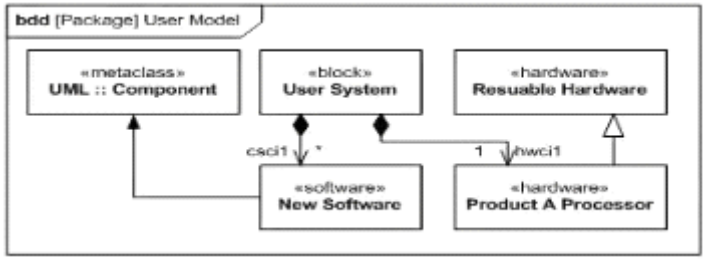
A)



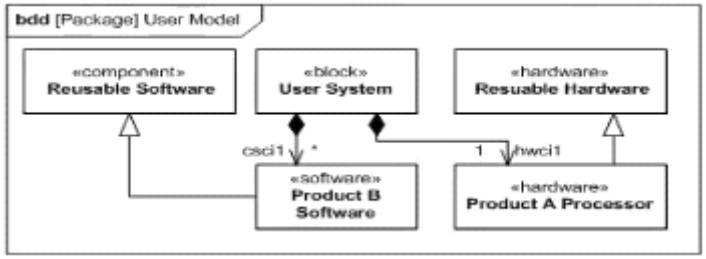
B)



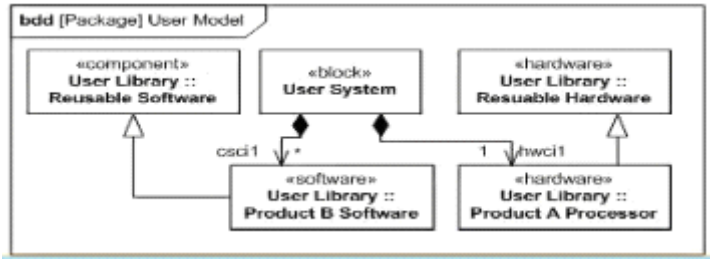
C)



D)



E)



Options:

A- Option A

B- Option B

C- Option C

D- Option D

E- Option E

Answer:

B

Question 6

Question Type: MultipleChoice

Choose the correct answer.

What are the possible values of the enumeration ControlValue?

Options:

A- suspend and resume

B- enable and disable

C- suspend, resume, enable and disable

D- It has no values, but is intended for a modeler to extend with their own control values.

Answer:

C

Question 7

Question Type: MultipleChoice

Choose the correct answer.

Where can a StateInvariant appear?

Options:

A- on a lifeline in a sd

B- on a transition in a stm

C- on an object node In an act

D- in the s rates compartment of a block on a bdd

Answer:

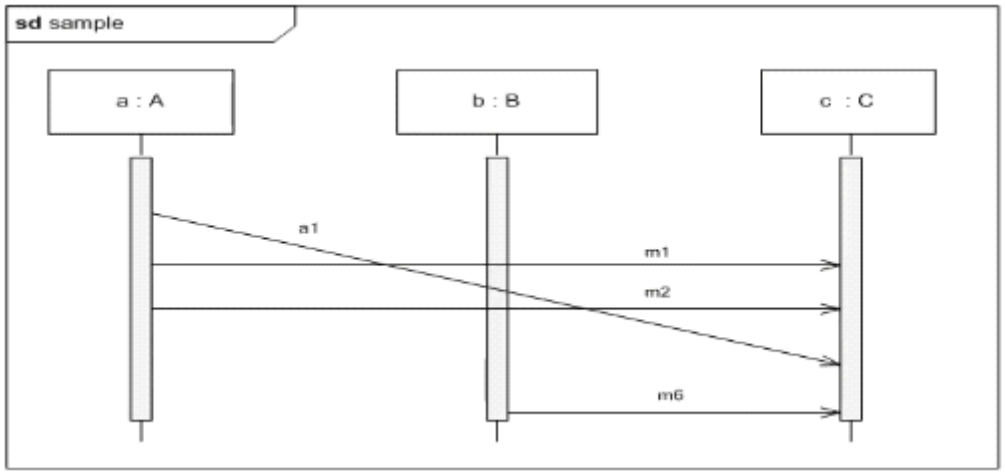
A

Question 8

Question Type: MultipleChoice

Choose the correct answer.

Given the following diagram:



What is the order of Interactions?

Options:

A- Message a1 overtakes message m1, which is processed after receipt of a1.

B- Message a1 overtakes messages m1 and m2 and is processed before them.

C- Message m1 overtakes message a1, which is processed after receipt of m2.

D- Message m1 overtakes messages a1 and m2 and is processed before them.

Answer:

B

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