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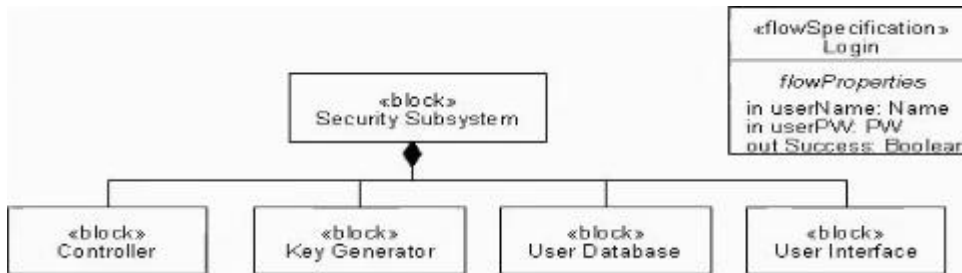
**Exam : OMG-OCSMP-MBI300**

**Title :**       OMG-Certified Systems  
                  Modeling Professional -  
                  Model Builder - Intermediate

**Version : DEMO**

1.Choose the correct answer.

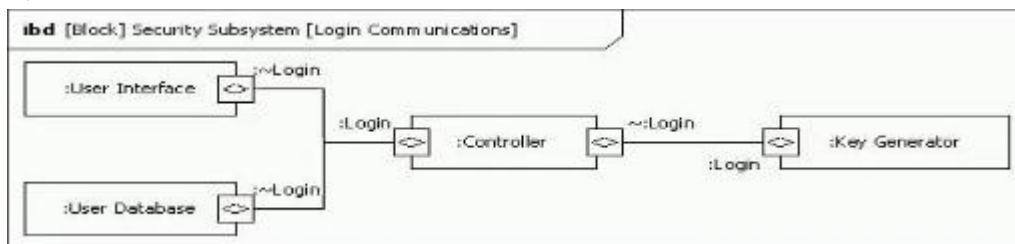
Given the following bdd fragment:



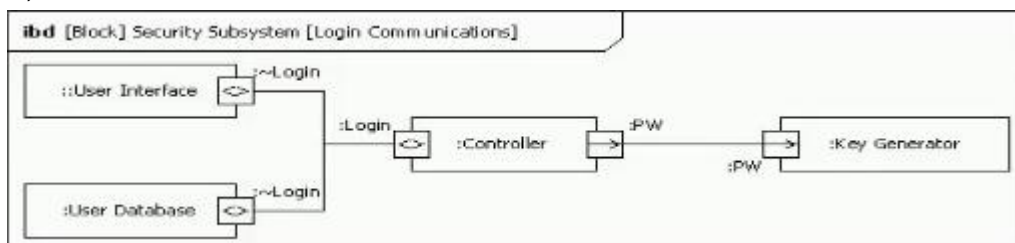
A user provides login credentials to the User Interface, and the Controller passes this information to the User Database. The User Database in turn validates the user name and password (typed by PW in the «flow Specification») and responds with a Boolean value indicating whether the login was successful. The Controller provides the password to the Key Generator if login was successful.

Which diagram correctly models these communications? If two or more options are correct, select the one that passes no unnecessary information between any two blocks. If two or more correct options pass the same information between blocks, select the one with the fewest ports.

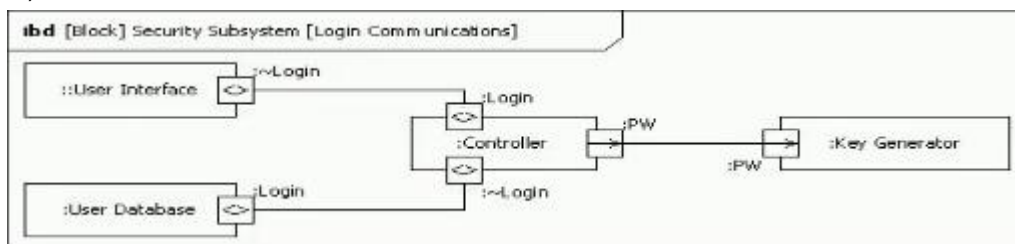
A)



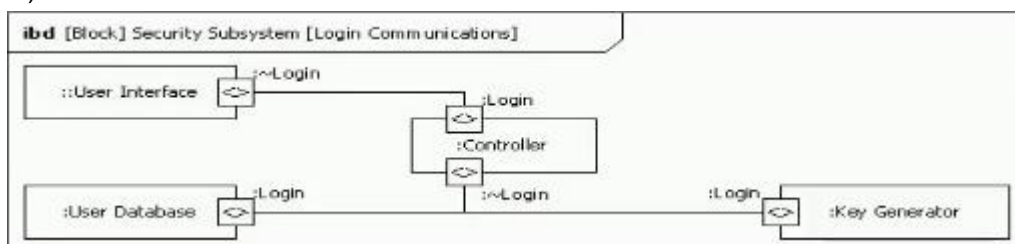
B)



C)



D)



- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: B**

2. Choose the correct answer

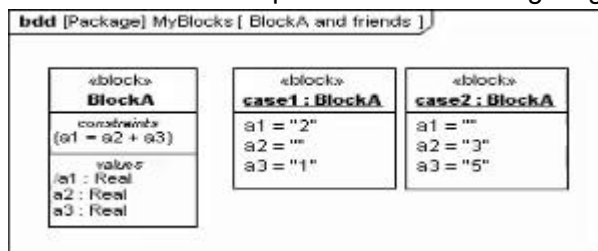
Where may constraint blocks be defined?

- A. on any diagram
- B. only on parametric diagrams
- C. only on block definition diagrams
- D. only on block definition diagrams or package diagrams
- E. only on block definition diagrams or parametric diagrams
- F. only on block definition diagrams or internal block diagrams

**Answer: D**

3. Choose the correct answer.

Given the model composed of the following diagram:



The modeler has set all shown values as inputs and next intends to solve the model that is, to calculate the outputs. Assume nothing relevant has been left out.

What is wrong with this model?

- A. The modeler set a1 as an input value in case1.
- B. Block A cannot be used by both case1 and case2.
- C. Both case1 and case2 should not be underlined.
- D. The slash (/) in property a1 of BlockA is an error that the solver will assume to be a division sign.

**Answer: C**

4. Choose the correct answer

What is an efficient way to represent highly reused patterns of interaction on sequence diagrams?

- A. an Interaction use referencing an interaction defined on a separate sequence diagram
- B. an interaction template construct that is instantiated from the referring sequence diagram
- C. the call interaction operator with an operand referring to the reusable Interaction defined elsewhere
- D. an activation on the referring sequence diagram allocated to another activation on the referenced diagram

**Answer: B**

5. Choose the correct answer

Which statement is true about the read only keyword when it appears next to a property?

- A. It states that the corresponding property is provided for reading purposes only
- B. It specifies that the corresponding property cannot be redefined
- C. It specifies that the value of the corresponding property cannot change during the lifetime of its owner.
- D. It specifies that the value of the corresponding property can be changed by its owner, but can only be read by other blocks

**Answer: A**