

Latest Version: 6.0

Question: 1

Choose the correct answer

What is the statement "An activity specifies the behavior of a use case?"

- A. a constraint defined in SysML
- B. a guideline from a methodology
- C. a constraint of the activity element
- D. a constraint of the use case element

Answer: A

Question: 2

Choose the correct answer

What is a best practice to define the package structure for a SysML model?

- A. SysML defines the package structure
- B. The modeling tool creates the package structure
- C. The modeling methodology defines the package structure.
- D. Each modeler can create packages for that engineer's specific purpose

Answer: C

Question: 3

Choose the correct answer

What is an effective and efficient approach to project modeling standards and conventions?

- A. Every project should create its own domain specific profile to describe modeling standards and conventions
- B. Organizations should create specific modeling standards and conventions to ensure modeling consistency across projects
- C. The SysML specification alone is sufficient to describe modeling standards and conventions when the modeling tool has a proper implementation of SysML
- D. The SysML specification and the modeling tool documentation are sufficient to describe modeling standards and conventions

Answer: D

Question: 4

Choose the correct answer

Different Block kinds are modeled using stereotypes such as «system», «subsystem» or «software»
Where are these stereotypes typically defined?

- A. The modeling tool provides the stereotypes
- B. The stereotypes are part of the SysML standard
- C. Each modeler who writes requirements can define stereotypes
- D. A profile that maps modeling methodology concepts to the model defines the stereotypes

Answer: A

Question: 5

Choose the correct answer.

What is the best way to specify the behavior of a functional requirement?

- A. Model an activity that refines the functional requirement.
- B. Model a state machine that refines the functional requirement.
- C. The project methodology will indicate which way is compatible with its process.
- D. The requirement text must be a clear and concise specification of the functionality.

Answer: A