quiz no solution w1

Question 1

Read the following statements. Which of them are **true**?

1. Project managers are stakeholders in the architecture

2. End users are stakeholders in the architecture

0 / 1 point

☐ **Neither statement is true**

☐ **Both statements are true**

☐ **Only the second statement is true.**

☐ **Only the first statement is true.**

Question 2

Which of these UML diagrams might be useful for the logical view of a system? Select the **2 correct** answers.

0 / 1 point

☐ **Deployment diagram**

☐ **Sequence diagram**

☐ **Class diagram**
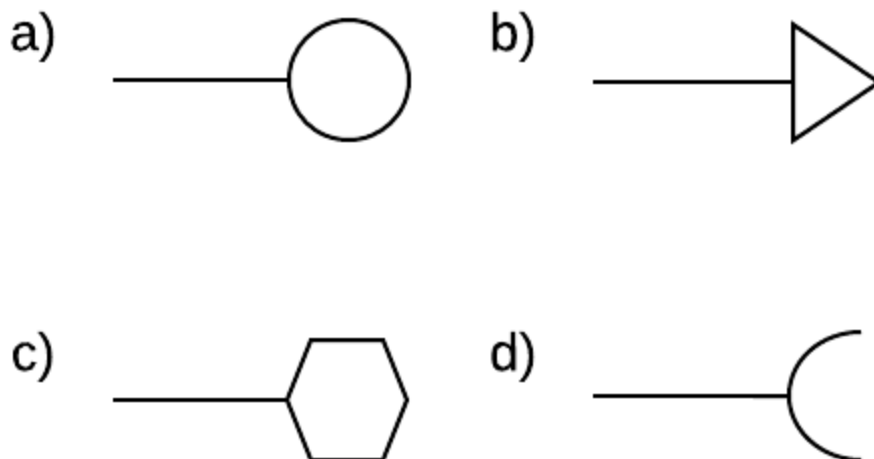
☐ **State diagram**

Question 3

You need to show how your software elements are mapped to hardware nodes and execution environments. Which view do you need?

1 / 1 point

☐ **physical view**

☐ **process view**

☐ **scenario**

☐ **development view**

Question 4

William is drawing out a component diagram. One of his classes needs an interface from another component. Which of these connectors should he use on the component that needs an interface from another component?
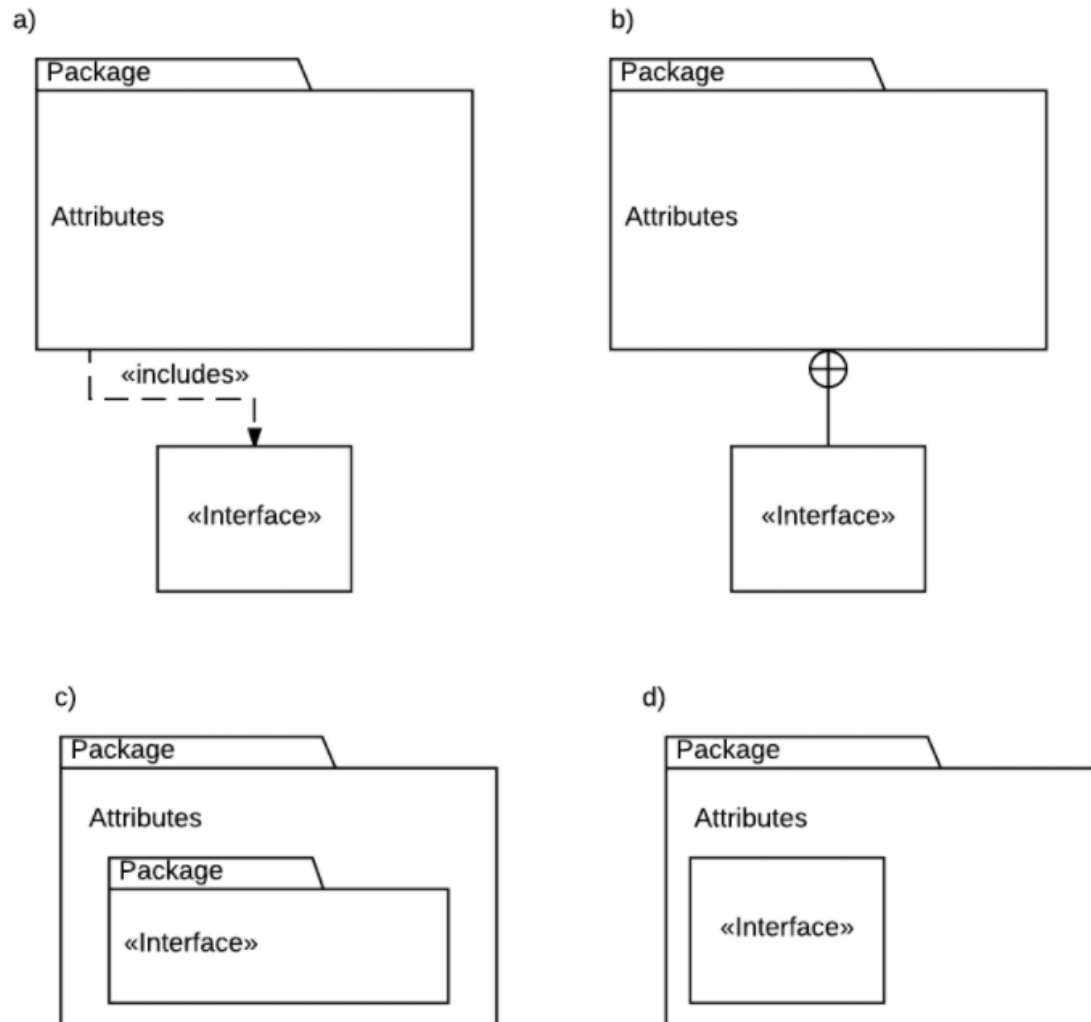
a) ──○   b) ──▷

c) ──⬡   d) ──C

0 / 1 point

☐ **a)**

☐ **b)**

☐ **c)**

☐ **d)**

Question 5

Cécile is putting together a Package diagram. How can she show that a package has an interface? Select the **2 correct answers**.

a)

Package

Attributes

«includes»

«Interface»

b)

Package

Attributes

⊕

«Interface»

c)

Package

Attributes

Package

«Interface»

d)

Package

Attributes

«Interface»

0 / 1 point

☐ **a)**

☐ **b)**

☐ **c)**

☐ **d)**

Question 6

What is the name for a physical result of the development process, such as an executable file?

0 / 1 point

☐ **package**

☐ **artifact**

☐ **leaf**

☐ **node**

Question 7

Which of these sets of keywords might be used on the lines in package diagrams?

1 / 1 point

☐ **merge, access, import**

☐ **request, import, merge**

☐ **deploy, merge, include**

☐ **interface, export, load**
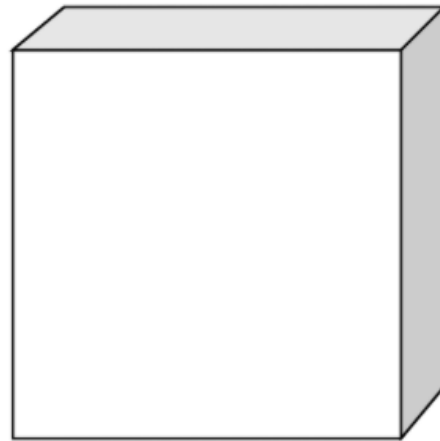
Question 8
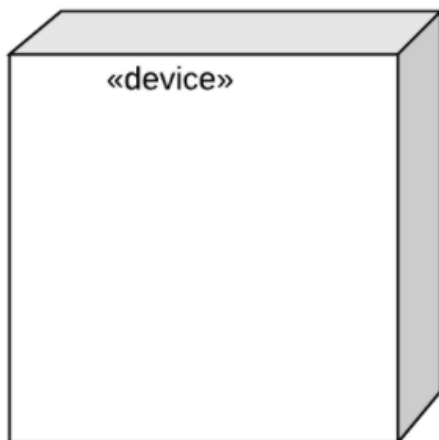
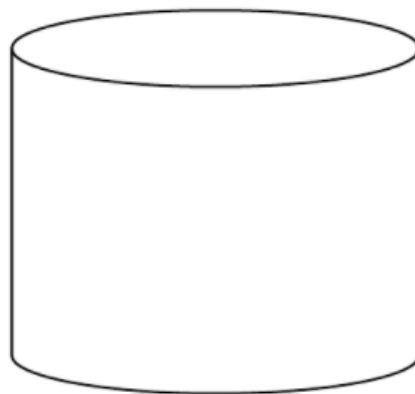How is a hardware device shown in a deployment diagram?

a)

«device»

b)

c)

«device»

d)

0 / 1 point
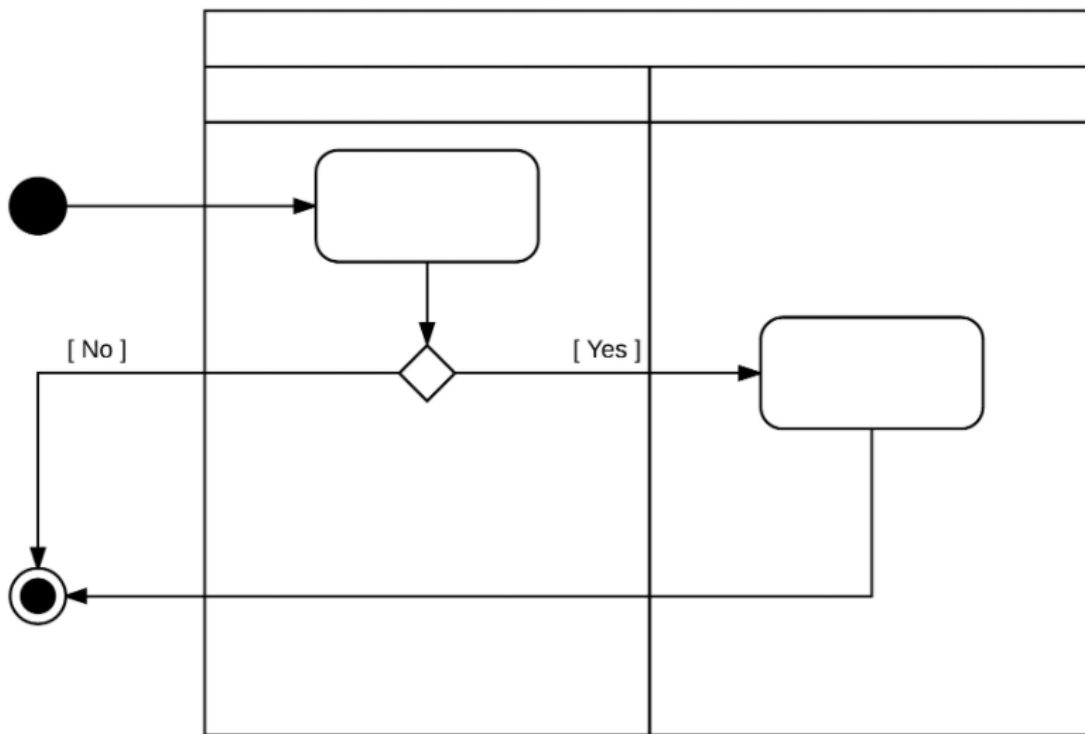
☐ **a)**

☐ **b)**

☐ **c)**

☐ **d)**

Question 9

What kind of UML diagram is shown here?

0 / 1 point

☐ **Flow chart**

☐ **Activity diagram**

☐ **State diagram**

☐ **Sequence diagram**

Question 10

Which of these is **NOT** shown on an activity diagram?

0 / 1 point

☐ **activities**

☐ **interfaces**

☐ **concurrency**

☐ **decisions**

Question 11

What does the **component** of 'component diagram' refer to?

0 / 1 point

☐ **a general name for a "part" of the software system. It could be a method, variable, class, object, or grouping of any of these.**

☐ **an independent, encapsulated unit in the system.**

☐ **the basic parts of the software, which it could not run without.**

☐ **an external part of the software system, like a library that must be imported.**

Question 12

The "+1" in Kruchten's 4+1 View Model refers to a scenario. What is a scenario?

0 / 1 point

☐ **an unexpected use case of the software.**

☐ **a representation of the system-wide state.**

☐ **one of the tools that is used to implement the software.**

☐ **a representation of a normal use case.**