Started on	Thursday, 28 September 2023, 1:22 PM
State	Finished
Completed on	Thursday, 28 September 2023, 1:23 PM
Time taken	28 secs
Marks	3.50/6.00
Grade	**58.33** out of 100.00

Question **1**
Incorrect

Mark 0.00 out of 1.00

To prioritize the work on use cases, we use

Select one:

- ○ a.   Product Matrix ✖
- ○ b.   Process Matrix
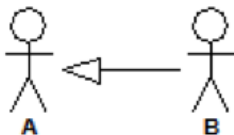- ○ c.   Traceability Matrix
- ○ d.   None of the above

The correct answer is: Traceability Matrix

Question **2**
Correct

Mark 1.00 out of 1.00

Which of the following statements about the given diagram clipping are true? (more than one answer)

Select one or more:

- ☑ a.   B inherits all of A's associations ✔
- ☐ b.   A inherits all of B's associations
- ☐ c.   A can execute the same use cases as B
- ☑ d.   B can execute the same use cases as A. ✔

The correct answers are: B inherits all of A's associations, B can execute the same use cases as A.

Question 3

Correct

Mark 1.00 out of 1.00

An actor is any entity (human, physical object, or another system) external to the system-to-be that interacts with the system-to-be.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 4

Not answered

Marked out of 1.00

Which of the following statements characterize use cases?

Select one:

○ a. Use cases specify the procedural process within a system

○ b. Use cases are suitable for modeling interfaces between two systems

○ c. Use cases specify the functionalities and the behavior that the system which is being developed should have.

○ d. None of the above

The correct answer is: Use cases specify the functionalities and the behavior that the system which is being developed should have.

Question 5

Correct

Mark 1.00 out of 1.00

Consider the following diagram:

Which of the following is true for the image?

Select one:

○ a. If an instance of A is deleted, the contained instances of B are not affected.

○ b. If an instance of B is deleted, all contained instances of A are also deleted.

◉ c. If an instance of A is deleted, all contained instances of B are also deleted. ✔

○ d. None of the above

The correct answer is: If an instance of A is deleted, all contained instances of B are also deleted.

Question 6

Partially correct

Mark 0.50 out of 1.00

The association between an actor and a use case is (more than one answer)

Select one or more:

- ☐ a. Is modeled with a dashed line
- ☐ b. Is modeled with a directed line with an arrowhead
- ☑ c. Is an undirected continuous line ✔
- ☐ d. Is binary

The correct answers are: Is an undirected continuous line, Is binary