Started on	Thursday, 28 September 2023, 1:01 PM
State	Finished
Completed on	Thursday, 28 September 2023, 1:02 PM
Time taken	1 min 51 secs
Marks	3.00/6.00
Grade	**50.00** out of 100.00

Question **1**
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 **2**
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 3

Incorrect

Mark 0.00 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 4

Correct

Mark 1.00 out of 1.00

A use case represents an activity that an actor can perform on the system and what the system does in response.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question 5

Incorrect

Mark 0.00 out of 1.00

In UML diagrams, relationship between object and component parts is represented by

Select one:

◉ a.   ordination ✖

○ b.   aggregation

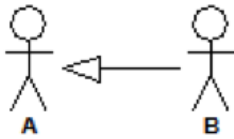○ c.   segregation

○ d.   increment

The correct answer is: aggregation

Question 6

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.