Started on	Wednesday, 13 September 2023, 10:28 AM
State	Finished
Completed on	Wednesday, 13 September 2023, 10:29 AM
Time taken	1 min 2 secs
Marks	2.00/6.00
Grade	**33.33** out of 100.00

Question **1**

Correct

Mark 1.00 out of 1.00

Hiding the object state , so that it can be observed or affected only via object's methods is known as ----------?

Select one:

- a. Classification
- b. Encapsulation ✔
- c. Objectification
- d. None of the above

The correct answer is: Encapsulation

Question **2**

Incorrect

Mark 0.00 out of 1.00

Because Use Cases represent recipes for user achieving 'goals', each use case name must include a 'verb' capturing the goal achievement.

Select one:

- True
- False ✘

The correct answer is 'True'.

Question 3

Incorrect

Mark 0.00 out of 1.00

An ---------------- is a software packaging of data and code together into a unit within a running computer program.

Select one:

- ○ a. Method
- ○ b. Function
- ○ c. Object
- ● d. Class ✖

The correct answer is: Object

Question 4

Incorrect

Mark 0.00 out of 1.00

Objects are abstractions that specify the state and behavior of different collections of objects.

Select one:

- ● True ✖
- ○ False

The correct answer is 'False'.

Question 5

Incorrect

Mark 0.00 out of 1.00

Process models are described as agile because they ?

Select one:

- ○ a. eliminate the need for cumbersome documentation
- ○ b. emphasize maneuverability and adaptability
- ○ c. do not waste development time on planning activities
- ● d. make extensive use of prototype creation ✖

The correct answer is: emphasize maneuverability and adaptability

Question **6**

Correct

Mark 1.00 out of 1.00

Software is a product and can be manufactured using the same technologies used for other engineering artifacts?

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Question **6**

Correct

Mark 1.00 out of 1.00

Software is a product and can be manufactured using the same technologies used for other engineering artifacts?

Started on	Wednesday, 13 September 2023, 10:29 AM
State	Finished
Completed on	Wednesday, 13 September 2023, 10:30 AM
Time taken	43 secs
Marks	4.00/6.00
Grade	**66.67** out of 100.00

Question 1
Correct

Mark 1.00 out of 1.00

Methods that are even more aggressive in terms of short iterations and heavy user involvement are often characterized as -------------?

Select one:

- a. Complex
- b. Agile ✔
- c. Iterative
- d. Incremental

The correct answer is: Agile

Question 2
Correct

Mark 1.00 out of 1.00

Software engineering umbrella activities are only applied during the initial phases of software development projects.

Select one:

- True
- False ✔

The correct answer is 'False'.

Question **3**

Correct

Mark 1.00 out of 1.00

Decomposing a problem into simpler ones is common when dealing with complex problems. This is known as -------?

Select one:

- a. Divide and conquer
- b. Modularity
- c. Only A
- d. Only B
- e. Both A and B ✔

The correct answer is: Both A and B

Question **4**

Incorrect

Mark 0.00 out of 1.00

Concept Maps, while representing knowledge about the problem domain, are expressed in terms of 'concepts' and -------, and are used to represent knowldge, beliefs, feelings etc.

Select one:

- a. Problems
- b. Propositions
- c. Adverbs
- d. Verbs ✖

The correct answer is: Propositions

Question **5**

Incorrect

Mark 0.00 out of 1.00

Objects are abstractions that specify the state and behavior of different collections of objects.

Select one:

- True ✖
- False

The correct answer is 'False'.

Question **6**

Correct

Mark 1.00 out of 1.00

Software is a product and can be manufactured using the same technologies used for other engineering artifacts?

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Question **6**

Correct

Mark 1.00 out of 1.00

Software is a product and can be manufactured using the same technologies used for other engineering artifacts?

Started on	Wednesday, 13 September 2023, 10:30 AM
State	Finished
Completed on	Thursday, 14 September 2023, 1:55 PM
Time taken	1 day 3 hours
Marks	0.00/6.00
Grade	**0.00** out of 100.00

Question **1**

Not answered

Marked out of 1.00

Process models are described as agile because they ?

Select one:

- ○ a.　eliminate the need for cumbersome documentation
- ○ b.　emphasize maneuverability and adaptability
- ○ c.　do not waste development time on planning activities
- ○ d.　make extensive use of prototype creation

The correct answer is: emphasize maneuverability and adaptability

Question **2**

Not answered

Marked out of 1.00

Because Use Cases represent recipes for user achieving 'goals', each use case name must include a 'verb' capturing the goal achievement.

Select one:

○ True

○ False

The correct answer is 'True'.

Question **3**

Not answered

Marked out of 1.00

Methods that are even more aggressive in terms of short iterations and heavy user involvement are often characterized as ------------?

Select one:

- ○ a. Complex
- ○ b. Agile
- ○ c. Iterative
- ○ d. Incremental

The correct answer is: Agile

Question **4**

Not answered

Marked out of 1.00

Decomposing a problem into simpler ones is common when dealing with complex problems. This is known as -------?

Select one:

- ○ a. Divide and conquer
- ○ b. Modularity
- ○ c. Only A
- ○ d. Only B
- ○ e. Both A and B

The correct answer is: Both A and B

Question **5**

Not answered

Marked out of 1.00

Hiding the object state , so that it can be observed or affected only via object's methods is known as ----------?

Select one:

- ○ a. Classification
- ○ b. Encapsulation
- ○ c. Objectification
- ○ d. None of the above

The correct answer is: Encapsulation

Question **6**

Not answered

Marked out of 1.00

Concept Maps, while representing knowledge about the problem domain, are expressed in terms of 'concepts' and -------, and are used to represent knowldge, beliefs, feelings etc.

Select one:

- ○ a.   Problems
- ○ b.   Propositions
- ○ c.   Adverbs
- ○ d.   Verbs

The correct answer is: Propositions

Started on	Thursday, 21 September 2023, 10:47 AM
State	Finished
Completed on	Thursday, 21 September 2023, 10:49 AM
Time taken	1 min 49 secs
Marks	4.00/6.00
Grade	**66.67** out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

Acceptance Tests are the test specified by the customer, written during the requirements analysis.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question 2

Incorrect

Mark 0.00 out of 1.00

Software architecture focuses on ---------------requirements and decomposition of ---------------------requirements.

Select one:

◉ a. Functional , Non Functional ✖

◯ b. Non Functional, Functional

◯ c. Behavioral, Contextual

◯ d. Contextual, Behavioral

The correct answer is: Non Functional, Functional

Question 3

Correct

Mark 1.00 out of 1.00

'Velocity' of the development team (in effort estimation) is defined are the -----------?

Select one:

- ○ a. Duration needed to develop the system
- ○ b. Effort needed to develop the system
- ● c. Productivity of the team ✔
- ○ d. Speed of the team

The correct answer is: Productivity of the team

Question 4

Correct

Mark 1.00 out of 1.00

The correct order for all requirement engineering techniques is

Select one:

- ○ a. Analysis, Gathering, Specifications
- ○ b. Gathering, Specifications, Analysis
- ● c. Gathering, Analysis, Specifications ✔
- ○ d. Analysis, Specifications, Gathering

The correct answer is: Gathering, Analysis, Specifications

Question 5

Incorrect

Mark 0.00 out of 1.00

The final outcome of requirement engineering is a Requirement Specification Document?

Select one:

- ○ True
- ● False ✘

The correct answer is 'True'.

Question **6**

Correct

Mark 1.00 out of 1.00

The job of the requirements engineer is to categorize all stakeholder information in a way that allows decision makers to choose an internally consistent set of requirements.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Started on	Thursday, 21 September 2023, 10:51 AM
State	Finished
Completed on	Thursday, 21 September 2023, 10:51 AM
Time taken	52 secs
Marks	3.00/6.00
Grade	**50.00** out of 100.00

Question **1**

Correct

Mark 1.00 out of 1.00

The correct order for all requirement engineering techniques is

Select one:

- ○ a.   Analysis, Gathering, Specifications
- ○ b.   Gathering, Specifications, Analysis
- ◉ c.   Gathering, Analysis, Specifications ✔
- ○ d.   Analysis, Specifications, Gathering

The correct answer is: Gathering, Analysis, Specifications

Question **2**

Correct

Mark 1.00 out of 1.00

'Velocity' of the development team (in effort estimation) is defined are the -----------?

Select one:

- ○ a.   Duration needed to develop the system
- ○ b.   Effort needed to develop the system
- ◉ c.   Productivity of the team ✔
- ○ d.   Speed of the team

The correct answer is: Productivity of the team

Question **3**

Incorrect

Mark 0.00 out of 1.00

The result of the requirements engineering elaboration task is an analysis model that defines which of the following problem domain(s)?

Select one:

- a. Information ✖
- b. Functional
- c. Behavioral
- d. All of the above

The correct answer is: All of the above

Question **4**

Correct

Mark 1.00 out of 1.00

The final outcome of requirement engineering is a Requirement Specification Document?

Select one:

- True ✔
- False

The correct answer is 'True'.

Question **5**

Incorrect

Mark 0.00 out of 1.00

Software Architecture is a phase of software development

Select one:

- True
- False ✖

The correct answer is 'True'.

Question **6**

Incorrect

Mark 0.00 out of 1.00

The term FURPS refers to

Select one:

- ⦿ a. Functional system properties ✖
- ○ b. Non functional system properties
- ○ c. Both a and b
- ○ d. None of the above

The correct answer is: Non functional system properties

Started on	Thursday, 21 September 2023, 10:49 AM
State	Finished
Completed on	Thursday, 21 September 2023, 10:50 AM
Time taken	1 min 26 secs
Marks	3.00/6.00
Grade	**50.00** out of 100.00

Question 1

Incorrect

Mark 0.00 out of 1.00

The term FURPS refers to

Select one:

○ a.   Functional system properties

○ b.   Non functional system properties

◉ c.   Both a and b ✖

○ d.   None of the above

The correct answer is: Non functional system properties

Question 2

Incorrect

Mark 0.00 out of 1.00

Software Architecture is a phase of software development

Select one:

○ True

◉ False ✖

The correct answer is 'True'.

Question **3**

Correct

Mark 1.00 out of 1.00

The result of the requirements engineering elaboration task is an analysis model that defines which of the following problem domain(s)?

Select one:

- ○ a. Information
- ○ b. Functional
- ○ c. Behavioral
- ◉ d. All of the above ✔

The correct answer is: All of the above

Question **4**

Correct

Mark 1.00 out of 1.00

Acceptance Tests are the test specified by the customer, written during the requirements analysis.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question **5**

Correct

Mark 1.00 out of 1.00

The job of the requirements engineer is to categorize all stakeholder information in a way that allows decision makers to choose an internally consistent set of requirements.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question **6**

Incorrect

Mark 0.00 out of 1.00

Software architecture focuses on ---------------requirements and decomposition of ----------------------requirements.

Select one:

- ⚪ a. Functional , Non Functional
- ⚪ b. Non Functional, Functional
- 🔘 c. Behavioral, Contextual ✖
- ⚪ d. Contextual, Behavioral

The correct answer is: Non Functional, Functional

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
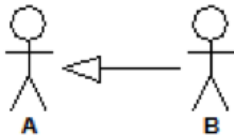- ○ c. segregation
- ○ d. increment

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.

Started on	Thursday, 28 September 2023, 1:03 PM
State	Finished
Completed on	Thursday, 28 September 2023, 1:04 PM
Time taken	1 min 20 secs
Marks	4.00/6.00
Grade	**66.67** out of 100.00

Question **1**
Correct

Mark 1.00 out of 1.00

Initiating actor is the --------------actor where as participating actor is the -------------- actor.

Select one:

- ○ a.   Secondary, Primary
- ◉ b.   Primary , Secondary ✔
- ○ c.   None of the above

The correct answer is: Primary , Secondary

Question **2**
Correct

Mark 1.00 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 **3**

Incorrect

Mark 0.00 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

Question **4**

Correct

Mark 1.00 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 **5**

Incorrect

Mark 0.00 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 6

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

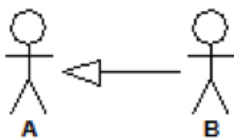The correct answer is: If an instance of A is deleted, all contained instances of B are also deleted.

Started on	Thursday, 28 September 2023, 1:04 PM
State	Finished
Completed on	Thursday, 28 September 2023, 1:05 PM
Time taken	57 secs
Marks	5.00/6.00
Grade	**83.33** out of 100.00

Question **1**
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 **2**
Correct

Mark 1.00 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 **3**

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 **4**

Correct

Mark 1.00 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

Question **5**

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 **6**

Correct

Mark 1.00 out of 1.00

Initiating actor is the --------------actor where as participating actor is the -------------- actor.

Select one:

- ○ a.　Secondary, Primary
- ◉ b.　Primary , Secondary ✔
- ○ c.　None of the above

The correct answer is: Primary , Secondary

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
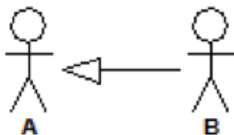- ○ c. Traceability Matrix
- ○ d. None of the above

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

Started on	Thursday, 28 September 2023, 1:49 PM
State	Finished
Completed on	Thursday, 28 September 2023, 1:55 PM
Time taken	6 mins
Marks	0.00/6.00
Grade	**0.00** out of 100.00

Question **1**

Not answered

Marked 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 **2**

Not answered

Marked 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 3

Not answered

Marked out of 1.00

Initiating actor is the --------------actor where as participating actor is the -------------- actor.

Select one:

- a. Secondary, Primary
- b. Primary , Secondary
- c. None of the above

The correct answer is: Primary , Secondary

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

Not answered

Marked 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

Question **6**

Not answered

Marked 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'.

Started on	Monday, 2 October 2023, 6:13 AM
State	Finished
Completed on	Monday, 2 October 2023, 6:15 AM
Time taken	1 min 28 secs
Marks	5.00/5.00
Grade	**100.00** out of 100.00

Question **1**

Correct

Mark 1.00 out of 1.00

Organizations are often fronted by a point-of-contact person. A common pattern is to have a specialized worker to take orders from the clients and orchestrate the workings of the workers inside the system. This type of object is known as Controller.

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question **2**

Correct

Mark 1.00 out of 1.00

Analysis phase is concerned about the _____ aspect of software engineering where as Design is more focused on _____ aspect.

Select one:

○ a.   When, What

○ b.   How, What

◉ c.   What, How ✔

○ d.   What, When

Your answer is correct.

The correct answer is: What, How

Question 3

Correct

Mark 1.00 out of 1.00

This traceability property is critical for a good development method (process), because the design elaboration progresses systematically, without great leaps that are difficult to grasp and/or follow.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question 4

Correct

Mark 1.00 out of 1.00

Domain models represents real - world concepts, not the software components.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

A popular approach to micro-level design is known as *responsibility-driven design* (RDD). We know the types of responsibilities that objects can have:

- Type 1 responsibility (knowing): Memorizing data or references, such as data values, data collections, or references to other objects, represented as a _____.
- Type 2 responsibility (doing): Performing computations, such as data processing, control of physical devices, etc., represented as a _____
- Type 3 responsibility (communicating): Communicating with other objects, represented as _____ sending (method invocation).

Select one:

◯ a.   Message, Method, Property

◉ b.   Property, Method, Message ✔

◯ c.   Method, Property, Message

◯ d.   Property, Message, Method

Your answer is correct.

The correct answer is: Property, Method, Message

Started on	Monday, 2 October 2023, 6:15 AM
State	Finished
Completed on	Monday, 2 October 2023, 6:16 AM
Time taken	44 secs
Marks	4.00/5.00
Grade	**80.00** out of 100.00

Question **1**

Incorrect

Mark 0.00 out of 1.00

Object's coupling is indirectly proportional to the number of different messages the object sends to other objects.

Select one:

◉ True ✖

◯ False

The correct answer is 'False'.

Question **2**

Correct

Mark 1.00 out of 1.00

Domain models represents real - world concepts, not the software components.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question **3**

Correct

Mark 1.00 out of 1.00

Analysis phase is concerned about the _____ aspect of software engineering where as Design is more focused on _____ aspect.

Select one:

- ○ a. When, What
- ○ b. How, What
- ⦿ c. What, How ✔
- ○ d. What, When

Your answer is correct.

The correct answer is: What, How

Question **4**

Correct

Mark 1.00 out of 1.00

Organizations are often fronted by a point-of-contact person. A common pattern is to have a specialized worker to take orders from the clients and orchestrate the workings of the workers inside the system. This type of object is known as Controller.

Select one:

- ⦿ True ✔
- ○ False

The correct answer is 'True'.

Question **5**

Correct

Mark 1.00 out of 1.00

A popular approach to micro-level design is known as *responsibility-driven design* (RDD). We know the types of responsibilities that objects can have:

- Type 1 responsibility (knowing): Memorizing data or references, such as data values, data collections, or references to other objects, represented as a _____**.**
- Type 2 responsibility (doing): Performing computations, such as data processing, control of physical devices, etc., represented as a _____
- Type 3 responsibility (communicating): Communicating with other objects, represented as _____ sending (method invocation).

Select one:

- ○ a.   Message, Method, Property
- ● b.   Property, Method, Message ✔
- ○ c.   Method, Property, Message
- ○ d.   Property, Message, Method

Your answer is correct.

The correct answer is: Property, Method, Message

Started on	Monday, 2 October 2023, 6:16 AM
State	Finished
Completed on	Monday, 2 October 2023, 6:16 AM
Time taken	35 secs
Marks	5.00/5.00
Grade	**100.00** out of 100.00

Question **1**
Correct

Mark 1.00 out of 1.00

This traceability property is critical for a good development method (process), because the design elaboration progresses systematically, without great leaps that are difficult to grasp and/or follow.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question **2**
Correct

Mark 1.00 out of 1.00

Object's coupling is indirectly proportional to the number of different messages the object sends to other objects.

Select one:

◯ True

◉ False ✔

The correct answer is 'False'.

Question 3

Correct

Mark 1.00 out of 1.00

A popular approach to micro-level design is known as *responsibility-driven design* (RDD). We know the types of responsibilities that objects can have:

- Type 1 responsibility (knowing): Memorizing data or references, such as data values, data collections, or references to other objects, represented as a _____.
- Type 2 responsibility (doing): Performing computations, such as data processing, control of physical devices, etc., represented as a _____
- Type 3 responsibility (communicating): Communicating with other objects, represented as _____ sending (method invocation).

Select one:

- ○ a.   Message, Method, Property
- ⦿ b.   Property, Method, Message ✔
- ○ c.   Method, Property, Message
- ○ d.   Property, Message, Method

Your answer is correct.

The correct answer is: Property, Method, Message

Question 4

Correct

Mark 1.00 out of 1.00

Organizations are often fronted by a point-of-contact person. A common pattern is to have a specialized worker to take orders from the clients and orchestrate the workings of the workers inside the system. This type of object is known as Controller.

Select one:

⦿ True ✔

○ False

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

Domain models represents real - world concepts, not the software components.

Select one:

⦿ True ✔

○ False

The correct answer is 'True'.