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Started on Wednesday, 15 December 2021, 5:05 PM

State Finished

Completed on Wednesday, 15 December 2021, 5:12 PM

Time taken 6 mins 47 secs

Grade 5.67 out of 9.00 (63%)

Question **1**

Correct

Mark 1.00 out of 1.00

What is a system?

Select one:

- ☐ a. A collection of components that implements requirements, functions and design
- ☐ b. A collection of components that implements requirements, the application domain and interfaces
- ☒ c. A collection of components that implements requirements, functions and interfaces ✓
- ☐ d. A collection of components that implements problem domains, functions and interfaces

The correct answer is: A collection of components that implements requirements, functions and interfaces

Question **2**

Correct

Mark 1.00 out of 1.00

The purpose(s) of OOA&D is/are?

Select one or more:

- ☐ a. to implement a system
- ☒ b. to determine systems requirements ✓
- ☐ c. to create interaction with customers
- ☒ d. to establish a basis for implementation ✓

The correct answers are: to determine systems requirements, to establish a basis for implementation

Question 3

Correct

Mark 1.00 out of 1.00

A system for boat reservations in a boat rental company. A reservation contains the name of the renter, boat size (max. number of passengers) and a period.

Which of the following can be classes in the problem domain?

Select one or more:

- ☒ a. Boat ✓
- ☐ b. Passenger
- ☐ c. Server
- ☒ d. Renter ✓
- ☐ e. Log-in
- ☐ f. Owner of the rental company

Your answer is correct.

The correct answers are: Boat, Renter

Question 4

Partially correct

Mark 0.33 out of 1.00

A system for boat reservations. A reservation consists of the name of the renter, the size of the boat (max. number of passengers) and a period.

Which of the following may be part of the application domain?

Select one or more:

- ☐ a. Passenger
- ☐ b. Log-in
- ☐ c. Renter
- ☒ d. IT-system with clients and server ✓
- ☐ e. The owner of the boat rental
- ☐ f. Boat

Your answer is partially correct.

You have correctly selected 1.

The correct answers are: The owner of the boat rental, Renter, IT-system with clients and server

Question 5

Partially correct

Mark 0.17 out of 1.00

What is/are the purpose(s) of analysis?

Select one or more:

- ☐ a. Realization of a design on a technical platform
- ☐ b. Determine technical solutions
- ☒ c. Understand a system in relation to its context ✓
- ☒ d. Understand the system in relation to its technical platform ✗
- ☐ e. Determine system requirements

The correct answers are: Understand a system in relation to its context, Determine system requirements

Question 6

Incorrect

Mark 0.00 out of 1.00

What is design?

Select one or more:

- ☒ a. Determination of a phenomenon in the context of the IT-system ✗
- ☐ b. Determination of the events an object performs or experiences
- ☒ c. Determining the operations an object can carry out and make available to other objects in the system ✓
- ☐ d. Determination of a phenomenon in the IT-system
- ☐ e. Determining how to get access to an object
- ☐ f. Identification of objects

The correct answers are: Determining how to get access to an object, Determination of a phenomenon in the IT-system, Determining the operations an object can carry out and make available to other objects in the system

Question 7

Correct

Mark 1.00 out of 1.00

What are the sub-activities of system choice?

Select one or more:

- ☒ a. Ideas ✓
- ☐ b. User stories
- ☐ c. FACTOR
- ☒ d. Situation ✓
- ☐ e. Interview
- ☒ f. Systems ✓

The correct answers are: Situation, Ideas, Systems

Question 8

Partially correct

Mark 0.17 out of 1.00

Which knowledge areas can rich pictures help clarify?

Select one or more:

- ☒ a. Visions and design proposals ✗
- ☐ b. Concrete experience with user's work
- ☐ c. Overview of technological options
- ☒ d. Relevant structures on user's work ✓
- ☐ e. Concrete experience with the new system

The correct answers are: Concrete experience with user's work, Relevant structures on user's work

Question 9

Correct

Mark 1.00 out of 1.00

The FACTOR criterion covers the following items:

Select one or more:

- ☒ a. Responsibility ✓
- ☐ b. Actors
- ☒ c. Functionality ✓
- ☐ d. Relations
- ☐ e. Customers

The correct answers are: Responsibility, Functionality

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