

Object Oriented Analysis and Design (S2-19_SSZG514)(Flipped)

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Question 1

Answer saved

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Flag question

F2053:An analyst depicts the staic view of an information system with _____.

Select one:

- ☐ a. Behavioural models
- ☒ b. Structural models
- ☐ c. Interaction diagrams
- ☐ d. Use case models

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Question 2

Answer saved

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Flag question

F2075:Which of following is NOT part of SSD?

Select one:

- ☒ a. Object
- ☐ b. Interaction frames
- ☐ c. System
- ☐ d. Actor

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Question 3

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Flag question

F2061: Which of the following statements are false about Domain Model?

Select one:

- ☒ a. It is better to under specify a domain model in order to communicate with business users effectively
- ☐ b. Class identification can be done through the identification of nouns in the use case text or using a conceptual class category list.
- ☐ c. Domain Modeling is driven by use cases as they become known. If a use case appears, the modeling team should look at it to assess whether all elements are captured in the domain model.
- ☐ d. None of the given options
- ☐ e. A representation of real world conceptual classes and software components. Normally, it does not contain operations

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Question 4

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Flag question

AD001. Which of the following is not true

Select one:

- ☐ a. High coupling makes it harder to reuse
- ☒ b. High coupling makes the design easy to understand
- ☐ c. High coupling leads to high change impact
- ☐ d. High coupling means higher reliance on other objects

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Question 5

Answer saved

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Flag question

F2072:You did not understand elaboration when

Select one:

- ☐ a. It has many iterations
- ☐ b. Risky and core architecture is tackled first
- ☒ c. None of the given options
- ☐ d. There is no early and realistic testing.

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Question 6

Answer saved

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Flag question

F2060: Which of the following statements is true about an Association Class?

Select one:

- ☐ a. It is designed to support the Historic Mapping pattern.
- ☒ b. It can contain attributes and operations.
- ☐ c. There can be more than one instance between participating objects.

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Question 7

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AC002. Identify the odd man out

Select one:

- ☐ a. State diagram
- ☐ b. Activity diagram
- ☐ c. Sequence diagram
- ☒ d. Domain model

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Question 8

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 Flag question

F2059: Which of the following statement is false?

Select one:

- ☐ a. All the Given Options
- ☐ b. Aggregation is a special kind of Association.
- ☐ c. Both Aggregation and Composition are 'part-of' relationship.
- ☒ d. When the whole is deleted, parts in aggregation are also removed

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Question 9

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Flag question

F2054:Class diagrams at conceptual level should include:

Select one:

- ☐ a. Both attributes and operations
- ☒ b. Attributes ONLY
- ☐ c. Operations ONLY

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Question 10

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 Flag question

F2056:What is the difference between an attribute and an association?

Select one:

- ☒ a. From specification and implementation perspective, an attribute is owned by a type while an association allows one to navigate from one type to another
- ☐ b. All the Given Options
- ☐ c. From the conceptual perspective, there is a distinct difference.

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Question 11

Answer saved

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Flag question

AD002. Which of the following is not true

Select one:

- ☐ a. Controller is a kind of Facade pattern
- ☐ b. A controller object can handle multiple system events
- ☐ c. A controller object helps identify out of sequence events
- ☒ d. Controller pattern is used to control data

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Question 12

Answer saved

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 Flag question

AE002) Attach additional responsibilities to an object dynamically. It provides a flexible alternative to subclassing for extending functionality.

Select one:

- ☒ a. Decorator
- ☐ b. Composite
- ☐ c. Chain of responsibility
- ☐ d. Adapter

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Question 13

Answer saved

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 Flag question

AE004) Define one to many dependency between objects so that when one object change state, all its dependent are notified and updated automatically.

Select one:

- ☐ a. Chain of responsibility
- ☐ b. Mediator
- ☐ c. Event Notification
- ☒ d. Observer

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Question 14

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Flag question

F2074:SSDs are done in

Select one:

- ☐ a. Inception
- ☒ b. Ellaboration
- ☐ c. Construction
- ☐ d. Deployment

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Question 15

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Flag question

F2071:What is allowed in the post condition section of operation contract?

Select one:

- ☐ a. Statements in past tense
- ☒ b. All of the given options
- ☐ c. Associations formations
- ☐ d. Object mutations
- ☐ e. Object destructions

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Question 16

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Flag question

F2069:Term attribute could include :

Select one:

- ☒ a. All of the given options
- ☐ b. Aliases
- ☐ c. Format
- ☐ d. Description
- ☐ e. Validation rules

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Question 17

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F2052:_____ implements objects behaviour.

Select one:

- ☐ a. Procedures
- ☐ b. Attributes
- ☐ c. Messages
- ☒ d. Methods

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Question 18

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Flag question

F2058:Constraints can be represented in UML by:

Select one:

- ☐ a. Notes
- ☐ b. Constraint
- ☒ c. { text string }
- ☐ d. [text string]

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Question 19

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Flag question

F2056:What is the difference between an attribute and an association?

Select one:

- ☐ a. All the Given Options
- ☐ b. From the conceptual perspective, there is a distinct difference.
- ☒ c. UML syntax for attribute - visibility name: type = default value

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Question 20

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Flag question

F2051:Each object has _____ that specify information about the object.

Select one:

- ☒ a. Attributes
- ☐ b. Methods
- ☐ c. Other objects
- ☐ d. Messages

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Question 21

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 Flag question

F2073:Roles does not have

Select one:

- ☐ a. Name
- ☒ b. Attributes
- ☐ c. Multiplicity
- ☐ d. Navigability

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Question 22

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AC004. Life line is used in

Select one:

- ☐ a. Swim lane diagram
- ☒ b. Sequence diagram
- ☐ c. Activity diagram
- ☐ d. State diagram

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display and buttons. There are 10 numeric entry buttons, 4 transaction selection buttons, an "Enter" button and a "Cancel" button. Each ATM is connected to the bank computer via a network . Each ATM has a unique network identification number. The ATM validates account balances and account status by communicating with the bank computer . ATM's require periodic servicing. This servicing can include maintenance, restocking cash in the money holder, and removing deposited envelopes from the envelope repository. From the envelope When the rear service panel is open, the ATM suspends interactions with the customers. Each ATM has a particular branch of the bank that is responsible for service and maintenance.

Select one:

- ☐ a. Printer
- ☐ b. None of the given options
- ☒ c. Services
- ☐ d. ATM card
- ☐ e. Envelope Slot
- ☐ f. Transaction

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Question 24

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F2068: Which of the candidate object is NOT part of the following use case : Use Case : Submit a loan request Actor(s) : Applicant, Loan Clerk Description : The applicant submits a loan request for processing by the bank's integrated loan processing system. The applicant fills out a loan application and submits it to the bank for processing. The system validates information on the loan application and calculates the applicant's credit score based on credit reports and the applicant's account history with the bank. The applicant is contacted for additional information, if needed. The system makes an initial approval recommendation. The loan is now ready for the loan officer's evaluation, pending any needed manual validation of credit references.

Select one:

- ☐ a. Credit Score
- ☐ b. Loan Officer
- ☒ c. Processing System
- ☐ d. Account History
- ☐ e. Customer (applicant)
- ☐ f. Loan Application
- ☐ g. Loan Request
- ☐ h. Credit Report

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Question 25

Answer saved

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F2072:You did not understand elaboration when

Select one:

- ☒ a. It lasts for more than few months long
- ☐ b. None of the given options
- ☐ c. It has many iterations
- ☐ d. Risky and core architecture is tackled first

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