OOAD - Quiz2:

AD005. An observer pattern does not involve

Select one:

a. Notifying changes / events to observers

b. Observing changes

c. Analyzing observers

d. Keeping track of all observers

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

Select one:

a. None of the given options

b. Class identification can be done through the identification of nouns in the use case text or using a conceptual class category list.

c. It is better to under specify a domain model in order to communicate with business users effectively

d. 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.

e. A representation of real world conceptual classes and software components. Normally, it does not contain operations

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F2069:Term attribute could include :

Select one:

a. Validation rules

b. All of the given options

c. Aliases

d. Format

e. Description

F2062:Which statements are false when partitioning a class into subclass?

Select one:

a. The subclass concept is operated on, handled, reacted to, or manipulated differently than the superclass or other subclasses in ways that are of interest.

b. The subclass has additional attributes of interest.

c. Some of the attributes/operations in super class are not applicable to subclass

d. The subclass has additional associations of interest.

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

Select one:

a. Object mutations

b. Statements in past tense

c. Object destructions

d. All of the given options

e. Associations formations

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

Select one:

a. Composite

b. Adapter

c. Chain of responsibility

d. Decorator

F2055:Which statements are true about associations in Class Diagrams?

Select one:

a. Most object modelers prefer to assign role name using a "noun" to association

b. It is good practice to name every association and most data modelers prefer to name association using a "verb"

c. If there is no name on the role, the implied name is the name of target class

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F2072:You did not understand ellaboration when

Select one:

a. It has many iterations

b. Risky and core architecture is tackled first

c. It lasts for more than few months long

d. None of the given options

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

Select one:

a. All the Given Options

b. UML syntax for attribute - visibility name: type = default value

c. From specification and implementation perspective, an attribute is owned by a type while an association allows one to navigate from one type to another

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

Select one:

a. Methods

b. Messages

c. Other objects

d. Attributes

AE003) Define a family of algorithms, encapsulate each one, and make them interchangeable. It lets the algorithm vary independently from clients that use it.

Select one:

a. Decorator

b. Visitor

c. Strategy

d. Template method

F2075:Which of following is NOT part of SSD?

Select one:

a. Interaction frames

b. System

c. Object

d. Actor

AD004. When we want to replace a class with another class which is more efficient but has a different interface, which pattern comes handy?

Select one:

a. Adaptor

b. Strategy

c. Composite

d. Facade

F2073:Roles does not have

Select one:

a. Name

b. Attributes

c. Navigability

d. Multiplicity

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. Account History

b. Credit Report

c. Customer (applicant)

d. Credit Score

e. Loan Officer

f. Loan Request

g. Loan Application

h. Processing System

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

Select one:

a. From the conceptual perspective, there is a distinct difference.

b. All the Given Options

c. From specification and implementation perspective, an attribute is owned by a type while an association allows one to navigate from one type to another

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F2058:Constraints can be represented in UML by:

Select one:

a. [text string]

b. Constraint

c. { text string }

d. Notes

F2067:Consider a system that manages the assignment of students and instructors to courses in a university. The CourseSchedule class has add(c:Course) and remove(c:Course) methods defined in it. What is the relationship between CourseSchedule and Course classes?

Select one:

a. Inheritance relationship

b. Association relationship

c. Generalization relationship

d. Composition relationship

e. Dependency relationship

F2052:_____ implements objects behaviour.

Select one:

a. Messages

b. Methods

c. Attributes

d. Procedures

F2054:Class diagrams at conceptual level should include:

Select one:

a. Operations ONLY

b. Both attributes and operations

c. Attributes ONLY

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

Select one:

a. All the Given Options

b. UML syntax for attribute - visibility name: type = default value

c. From the conceptual perspective, there is a distinct difference.

F2065:Which of the following objects are not part of the ATM application described below? An Automated Teller Machine (ATM) is offered to bank customers as a convenience. At the ATM, customers can make deposits to or withdrawals from their account(s). They can also transfer funds between their accounts, and can make inquiries as to account balances. In order to access the services of the ATM, customers must have an ATM card and a Personal Identification Number (PIN).The components of the ATM include a User Interface, a card reader, an envelope slot, a cash drawer and a printer. The User Interface has a 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. Transaction

b. Envelope Slot

c. Printer

d. None of the given options

e. ATM card

f. Services

AE005) Encapsulate a request as an object, there by letting you parametrize clients with different requests, queue or log requests, and support undoable operation.

Select one:

a. Adapter

b. Command

c. Decorator

d. Composite

F2074:SSDs are done in

Select one:

a. Inception

b. Construction

c. Deployment

d. Ellaboration

AC002. Identify the odd man out

Select one:

a. State diagram

b. Activity diagram

c. Domain model

d. Sequence diagram