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

Quiz 2

1. F2063:Which of the following is false about System Sequence Diagrams?

Select one:

a. It is a picture that shows for a particular scenario of a use case the events that external actors generate, their order and inter-system events.

b. SSDs are part of the Use-Case Model.

c. An SSD should be done for the main success scenario of the use case and frequent or complex alternative scenarios.

d. System events and their associated system operations can be expressed in terms of the physical input medium or interface widget level.

e. SSDs can also be used to illustrate collaborations between systems.

f. It is sometimes desirable to show at least fragments of the use case text for the scenario to enhance the two views.

1. F2073:Roles does not have

Select one:

a. Navigability

b. Name

c. Multiplicity

d. Attributes

1. F2075:Which of following is NOT part of SSD?

Select one:

a. Actor

b. Interaction frames

c. Object

d. System

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

Select one:

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

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

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

1. AD003. Which of the following is not true

Select one:

a. Polymorphism helps in extending the behaviour of a class

b. Polymorphism means multiple names for same method

c. Polymorphism helps implement multiple behaviours for same interface

1. AC001. Which of the following does not belong to OOAD?

Select one:

a. Swim lane diagram

b. Domain model

c. Fully dressed use case

d. State transition diagram

1. F2052:\_\_\_\_\_ implements objects behaviour.

Select one:

a. Procedures

b. Methods

c. Attributes

d. Messages

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

Select one:

a. All of the given options

b. Associations formations

c. Object destructions

d. Object mutations

e. Statements in past tense

1. F2069:Term attribute could include :

Select one:

a. Aliases

b. Validation rules

c. Description

d. All of the given options

e. Format

1. F2053:An analyst depicts the staic view of an information system with \_\_\_\_\_.

Select one:

a. Use case models

b. Interaction diagrams

c. Behavioural models

d. Structural models

1. AC003. Multiplicity indicates

Select one:

a. No of objects in a package

b. No of classes in a domain

c. No of objects with which another object is associated with

d. No of objects in a class

1. AE008) Provide an unified interface to a set of interfaces in a subsystem. It defines a higher level interface that makes the subsystem easier to use.

Select one:

a. Adapter

b. Mediator

c. Strategy

d. Facade

1. 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. Template method

d. Strategy

1. F2072:You did not understand ellaboration when

Select one:

a. There is no early and realistic testing.

b. None of the given options

c. It has many iterations

d. Risky and core architecture is tackled first

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

c. All the Given Options

1. F2064:Objects and classes can be found by using which of the following technique? (a) From nouns in a text description (b) Look for units of interaction (c) Look for places where things or objects come to rest (d) Interview Domain Experts.

Select one:

a. "a" , "b" and "c" only

b. "a" and "c" only

c. All of the given choices

1. AD002. Which of the following is not true

Select one:

a. A controller object helps identify out of sequence events

b. Controller is a kind of Facade pattern

c. A controller object can handle multiple system events

d. Controller pattern is used to control data

1. F2058:Constraints can be represented in UML by:

Select one:

a. { text string }

b. [ text string ]

c. Constraint

d. Notes

1. F2074:SSDs are done in

Select one:

a. Deployment

b. Construction

c. Inception

d. Ellaboration

1. 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.

1. F2072:You did not understand ellaboration when

Select one:

a. It lasts for more than few months long

b. It has many iterations

c. Risky and core architecture is tackled first

d. None of the given options

1. F2070:Which is NOT the valid section of operation contract?

Select one:

a. Postcondition

b. Precondition

c. Operation

d. Exceptions

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

Select one:

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

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

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

d. None of the given options

e. 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.

24. 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. Loan Officer

b. Account History

c. Credit Report

d. Credit Score

e. Loan Application

f. Processing System

g. Customer (applicant)

h. Loan Request

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

Select one:

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

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

c. All the Given Options