CA002 Multiplicity is the same as what concept for an ERD?

Select one:

a. Attribute

**b. Cardinality**

c. Relationship

d. Entity

AA928 Given a word statement of problem potential operations appropriate for objects are identified by selecting

Select one:

a. adverbs in the statement

b. adjectives in the statement

c. verb phrases in the statement

**d. noun phrases in the statement**

AA929 Objects selected to model a system (i) must be essential for functioning of the system (ii) must have all attributes which are invariant during operations of a system (iii) must have attributes relevant for performing services of object (iv) must be able to perform assigned services

Select one:

a. i, ii, iii

b. ii, iii, iv

**c. i, iii, iv**

d. i, ii, iii, iv

AA906 By polymorphism of a subsystem we mean

Select one:

a. it should have polymorphic data types

b. it should morph polygons

**c. it should accept generic commands and interpret appropriately**

d. it should be reusable

F2087:Which of the following are valuable for concurrent processes?

Select one:

a. Package Diagrams

b. Sequence Diagrams

**c. Activity Diagrams**

d. State Diagrams

e. Class Diagrams

F2051:Each object has \_\_\_\_\_\_\_ that specify information about the object.

Select one:

**a. Attributes**

b. Other objects

c. Methods

d. Messages

CA045 Which of the following represent the built-in extensibility mechanism of the UML?

Select one:

**a. stereotypes**

b. comments

c. associations

d. relationships

F2061a:Which of the following statements are false about Domain Model?

Select one:

a. 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.

b. None of the given options

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

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

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

F2065b: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. ATM card

**d. Services**

e. None of the given options

f. Printer

CA005 The fact that the same operation may apply to two or more classes is called what

Select one:

a. Inheritance

b. Multiple classification

**c. Polymorphism**

d. Encapsulation

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

Select one:

**a. Statements in past tense**

b. Object mutations

c. Object destructions

d. All of the given options

e. Associations formations

AA918 By abstraction in object-oriented modelling we mean picking

Select one:

a. only operations

**b. both operation and attributes with operations appropriate to model an object**

c. the appropriate abstract data type

d. only attributes appropriate to model an object

CA029 By polymorphism of a subsystem we mean

Select one:

a. it should morph polygons

b. it should be reusable

**c. it should accept generic commandsand interpret appropriately**

d. it should have polymorphic data types

F2059:Which of the following statement is false?

Select one:

a. Aggregation is a special kind of Association.

**b. When the whole is deleted, parts in aggregation are also removed**

c. All the Given Options

d. Both Aggregation and Composition are 'part-of' relationship.

F2093:What are weeknesses of Communication diagram?

Select one:

**a. More difficult to see sequence of messages**

b. Forced to extend to right side

c. Space economical

d. None of the Given Choices

F2073:Roles does not have

Select one:

**a. Attributes**

b. Navigability

c. Name

d. Multiplicity

CA024 The process of compartmentalizing the elements of an abstraction that constitute its structure and behavior is called as

Select one:

a. Modularity

**b. Encapsulation**

c. Hierarchy

d. Entity Abstraction

AA925 By polymorphism in object-oriented modelling we mean

Select one:

a. the ability to manipulate objects of different distinct classes

**b. the ability to manipulate objects of different distinct classes knowing only their common properties**

c. use of polymorphic operations

d. use of similar operations to do similar things

F2093:What are weeknesses of Communication diagram?

Select one:

a. Forced to extend to right side

b. Space economical

c. All the given choices

**d. Fewer notation options**

CA017 What are the components of a structured class?

Select one:

a. messages, connectors, and roles

**b. roles, ports, and connectors**

c. attributes, roles, and ports

d. ports, roles, and threads

CA019 A boundary class is an analysis class that represents \_\_\_\_\_.

Select one:

**a. an intermediary or interface to something outside the system**

b. an API that is supplied by a third-party vendor and used to integrate with an external system

c. the interface between the client and middleware tiers in a system

d. the user interface or Presentation layer of a system

F2089:Which of the following statement are false about interaction diagrams?

Select one:

a. Return messages are implied and it is unnecessary to show them

b. Within Sequence Diagram, each vertical line is called the object's lifeline; each message is represented by an arrow between the lifelines.

c. Iteration is represented by \*

d. Self-delegation message is sending message to itself

e. Interaction diagrams is the superset of Sequence diagrams and Collaboration diagrams

**f. An interaction diagram captures the behaviour of a single or more use cases**

F2078:Which are valid events in a State diagram?

Select one:

a. close()

b. if()

c. All the given choices

**d. when()**

AA915 An instance of an object is created by a

Select one:

a. update operation

**b. constructor operation**

c. query operation

d. open operation

F2099:Which of the following are NOT UML behaviour diagrams?

Select one:

a. Interaction

b. State

c. Activity

**d. Class**