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

Ans: b

F2058:Constraints can be represented in UML by:

Select one:

a. Notes

b. { text string }

c. [ text string ]

d. Constraint



Ans: b

AA903 A subsystem of a complex system must specify i. what task it performs ii. how it performs a task iii with which subsystems it co-operates iv how it co-operates with other systems

Select one:

a. iii, iv

b. i, ii

c. ii, iii

d. ii, iv



Ans: A

CA004 An abstract class is which of the following?

Select one:

a. A class that has no direct instances, but whose descendants may not have direct instances

b. A class that has direct instances, but whose descendants may have direct instances.

c. A class that has no direct instances, but whose descendants may have direct instances.

d. A class that has direct instances, but whose descendants may not have direct instances.



Ans: C

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

Select one:

a. Cardinality

b. Entity

c. Relationship

d. Attribute



Ans: A

F2095:Which digram shows various parties involved in workflow?

Select one:

a. Data flow diagram

b. Activity diagram

c. Flowchart

d. Swimlane activity diagram



Ans: D

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

c. The subclass has additional attributes of interest.

d. The subclass has additional associations of interest.



Ans: B

F2079:What is true about a Sequence Diagram?

Select one:

a. All the given choices

b. It describes the behaviour of a single object.

c. It describes the behaviour in a single Use Case.

d. It describes the behaviour in many Use Cases.



Ans:B

F2097: State chart machines should be used for

Select one:

a. State independent objects

b. State dependent objects



Ans:B

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. ii, iii, iv

b. i, iii, iv

c. i, ii, iii

d. i, ii, iii, iv



Ans:B

CA014 Which artifact is NOT an input to Analysis and Design?

Select one:

a. vision

b. glossary

c. supplementary specification

d. use-case model



Ans:A

CA043 Which of the following statements is not true regarding activity diagram?

Select one:

a. Transitions can fork and re-join (bar line) –concurrent (parallel) computation threads

b. The final state is shown using so called bull’s eye symbol

c. Transitions can branch and merge (diamond) – alternative computation threads

d. A solid filled circle represents the final state



Ans: D

CA008 constructor operation does which of the following?

Select one:

a. Deletes and existing instance of a class

b. Creates a new instance of a class

c. Updates an existing instance of a class

d. All of the given choices.



Ans: B

AA930 An object is selected for modelling a system provided

Select one:

a. it has numerous attributes

b. it has no attributes relevant to the system

c. its attributes are invariant during operation of the system

d. its attributes change during operation of the system



Ans: A

AA901 Computer systems are designed by

Select one:

a. simplifying requirements of system

b. breaking up the systems into independent parts

c. modular design

d. breaking of the system into smaller self-contained co-operating subsystems

Ans: D

2086:1When you want to look at the behavior of a single object across many use cases, which one of the following OOAD artifacts is the MOST userful?

Select one:

a. State Diagrams

b. Package Diagrams

c. Sequence Diagrams

d. Activity Diagrams

e. Class Diagrams

Ans:A

F2057b:Which of the following are true about operations of a class?

Select one:

a. All the Given Options

b. At conceptual level, operations are used to specify the interface of a class

c. Most people use operation and method interchangeably. Strictly speaking, operation is method declaration while method is referring to the body of procedure.

Ans: A

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



Ans: B

2077:What can UML interfaces be used for?

Select one:

a. To provide concrete classes with the stereotype &lt;&lt;interface&gt;&gt;

b. To program in Java and C++, but not in C#

c. To specify required services for types of objects

d. To define executable logic that can be reused in several classes

Ans: C

CA028 Functions and procedures are

Select one:

a. useful in designing computer systems

b. not useful in designing computer systems

c. old fashioned and they are not useful

d. have side effects which require special care if they are used as subsystems



Ans: D

F2073:Roles does not have

Select one:

a. Multiplicity

b. Name

c. Navigability

d. Attributes



Ans:D

F2085:For showing how several objects collaborate in single use case, which one of the following OOAD artifacts is the MOST userful?

Select one:

a. Interaction Diagrams

b. State Diagrams

c. Package Diagrams

d. Class Diagrams

e. Activity Diagrams



Ans: A

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

Select one:

a. Interaction diagrams

b. Behavioural models

c. Structural models

d. Use case models



Ans: C

CA023 The essential characteristics of an object that distinguish it from all other kinds of objects and thus provide crisply defined conceptual boundaries, relative to the perspective of the viewer is called

Select one:

a. Hierarchy

b. Modularity

c. Encapsulation

d. Abstraction



Ans: D

AA931 An object is considered an external entity in object-oriented modelling

Select one:

a. its attributes are invariant during operation of the system

b. it has numerous attributes

c. its attributes change during operation of the system

d. it has no attributes relevant to the system



Ans: C