

# QUESTIONS & ANSWERS

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**IBM**

**000-833**

*Object Oriented Analysis and Design - Part 1 (Analysis)*

Design Model

C. to make sure the responsibilities of each class are consistent and that the class has a well-defined single purpose

D. to create initial class families by using inheritance to group related classes into tree structures

**Answer:** A

**QUESTION:** 43

Which three processes are best suited for UML? (Choose three.)

- A. use-case driven
- B. waterfall development-based
- C. iterative and incremental
- D. architecture-centric
- E. requirements-centric

**Answer:** A, C, D

**QUESTION:** 44

Architectural layers are commonly modeled in UML using a \_\_\_\_\_.

- A. package stereotyped <<Layer>>
- B. subsystem stereotyped <<Layer>>
- C. composite class stereotyped <<Layer>>
- D. class diagram entitled Layer

**Answer:** A

**QUESTION:** 45

In a state diagram, a state has two transitions. One of the transitions is an internal transition and the other is an external transition. Which state(s) can perform an exit action?

- A. the internal transition only
- B. the external transition only
- C. neither the internal nor the external transition
- D. both the internal and external transitions

**Answer:** B

**QUESTION:** 46

Which two statements are true about use-case driven processes? (Choose two.)

- A. Use-cases are concise, simple, and able to be understood by a wide range of stakeholders.
- B. Use-cases help synchronize the content of different models.
- C. Use-cases are a complete list of functional requirements.
- D. Use-cases specify how the system behavior is to be implemented.

**Answer:** A, B

**QUESTION:** 47

Which is the primary function of entity classes?

- A. store and manage information in the system
- B. act as a surrogate or proxy for the actors in a system
- C. wrap data access calls to a systems relational database
- D. marshal information between the tiers in a system

**Answer:** A

**QUESTION:** 48

Which is a UML general-purpose mechanism for organizing elements into groups?

- A. a class diagram
- B. an activity
- C. a package
- D. a composite diagram

**Answer:** C

**QUESTION:** 49

During Use Case Analysis, how many interaction diagrams (sequence or communication) should be drawn for each use-case?

- A. enough of each type to ensure that all responsibilities of participating classes are identified and that most of the flows of events are examined
- B. one for the main flow and one for each alternate flow of events in the use-case
- C. one of each type for the main flow and one of each type for each alternate flow of events in the use-case
- D. one of each type per use-case, with each alternate flow of events shown as an interaction occurrence

**Answer:** A

**QUESTION:** 50

In Use Case Analysis, what is the function of boundary classes?

- A. to insulate external forces from internal mechanisms and vice versa
- B. to represent the screens in the user interface
- C. to define the service interfaces exposed by the Business layer
- D. to define entry points or roots into the core Object Data Model

**Answer:** A



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