

Exam Code: 000-637

Exam Name: Rational-requirements management with
use cases-part2

Vendor: IBM

Version: DEMO

Part: A

1: Given: Consider the following set of initial user requests from a telephone company about a new customer service system: * The telephone company customer service system shall be able to record and answer questions about telephone installations. * When a customer requests a new telephone, the service representative shall record the customer's name, address, assigned phone installer, and a projected time of the installation. * At the end of each day, the technicians shall record their work. * Start time shall include the year, month, day, hour, and minute. What is the most appropriate classification name for one of the actors in these system requirements?

- A.User
- B.Calendar
- C.Customer
- D.Installer

Correct Answers: D

2: What type of relationship exists between use cases and actors?

- A.Arrow association
- B.Extends association
- C.Communicates association
- D.Generalization association

Correct Answers: C

3: What does the basic flow of events in a use case describe?

- A.Typical use of the system by its actors
- B.Interactions between the use case and other use cases
- C.Least complicated interactions between the system and the actors
- D.Choices an actor makes while interacting with the system

Correct Answers: A

4: Which of the following are properties of a use case? (Select all that apply.)

- A.Name
- B.Design constraints
- C.Special requirements
- D.Supplementary specifications
- E.Flow of events
- F.Preconditions

Correct Answers: A C E F

5: What does a use-case diagram show?

- A.Software requirements
- B.Flow of events
- C.User interface screen layouts
- D.What the system is supposed to do

Correct Answers: D

6: What does a supplementary specification include?

- A.Non-functional requirements associated with the entire system
- B.Non-functional requirements associated with a particular use case
- C.<<include>> and <<extend>> relationships associated with a particular use case
- D.Use-case diagram for the entire system

Correct Answers: A

7: What question helps identify the actors in software requirements?

- A.Who will be using the system?
- B.What subsystems will be in the system?
- C.Who will be paying for the system?
- D.Who will be designing the system?

Correct Answers: A

8: What question identifies use cases in software requirements?

- A.What goal will actors achieve by using the system?
- B.What do users need to know when they use the system?
- C.Why is data being stored in the system?
- D.What subsystems are in the software?

Correct Answers: A

9: What is an actor?

- A.Role a tester plays when testing the system
- B.Role a person or thing plays when interacting with the system
- C.Anyone who has a vested interest in the outcome of the system
- D.Anyone who will purchase the system

Correct Answers: B

10: Which of the following may result from a functional decomposition of use cases? (Select all that apply.)

- A.Requirements become fragmented and lose their context
- B.Brief descriptions are very long
- C.Requirements become untestable
- D.Use cases do not achieve clear goals for the actors

Correct Answers: A D

11: The top 20% of root causes are problems that need to be solved. Where are these root causes captured?

- A.Business model
- B.Problem statement
- C.Pareto principle
- D.Problem analysis roadmap

Correct Answers: B

12: Which statements are TRUE regarding a use case? (Select all that apply.)

- A.A use case describes actions the system takes to deliver something of value to the actor.
- B.A use case is an isolated part that provides a piece of functionality for the system to be built.
- C.A use case models a dialog between the system and its surroundings.
- D.A use case contains functional software requirements.

Correct Answers: A C D

13: Refer to the exhibit below. Which actors can interact with the "Distribute News" use case? (Select all that apply.)

- A.Broker
- B.Market trading system
- C.Trading customer
- D.News system
- E.Scheduler

Correct Answers: C D E

14: A use-case model is mostly text.

- A.True
- B.False

Correct Answers: A

15: What is a scenario?

- A.A specific dialog that can occur between the system and a particular actor
- B.A set of possible dialogs that can occur between the system and one or more actors
- C.An ordered set of flows from the start of the use case to one of its end points
- D.A description of the path the user takes through the use case and the data that is exchanged

Correct Answers: C

16: What is a use-case outline?

- A.First draft of the flow of events in a use case
- B.Detailed relationship between each actor and a use case
- C.Preliminary list of use cases in the use-case model
- D.List of properties in a use-case report

Correct Answers: A

17: During what Rational Unified Process (RUP) activity is a use-case outline created?

- A."Prioritize Use Cases"
- B."Find Actors and Use Cases"
- C."Detail a Use Case"
- D."Develop Vision"

Correct Answers: B

18: Which of the following are appropriate reasons for including an alternative flow of events in a

use case? (Select all that apply.)

- A.Actor must have previous information before the use case can begin
- B.Actor requires 99.9% reliability
- C.Actor has several ways to accomplish a goal within the system
- D.Actor can stop the use case at any time

Correct Answers: C D

19: What characterizes a generic alternative flow of events?

- A.Is part of all scenarios
- B.Handles several different error conditions
- C.Is part of several different use cases
- D.Applies at any point in a use case

Correct Answers: D

20: What does a post-condition describe?

- A.Last step in the basic flow of events
- B.One way that a use case can end
- C.Last non-functional requirement
- D.State of the system after the use case ends

Correct Answers: D