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## Q&A

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**Exam** : **C2140-636**

**Title** : rational-requirements  
management with use  
cases-part1

**Version** : DEMO

**1.Given: A customer service system is being developed for a telephone company to record and answer questions about telephone installations. What would be considered a design constraint of the software?**

- A.It will run on the Windows 95 operating system.
- B.Both phone installers and phone installation schedulers will use it.
- C.One hundred phone installers can enter information simultaneously.
- D.The project will use the IBM Rational Unified Process.
- E.It will produce a status report.

**Correct:A**

**2.How do actors help determine the boundary of a system?**

- A.By acting as stakeholders
- B.By using the system
- C.By being outside the system and interacting with it
- D.By representing the subsystems

**Correct:C**

**3.According to the "1-10-100 rule," the cost of finding defects during what stage is 100 times greater than the cost of finding defects during requirements gathering?**

- A.Integration testing
- B.Maintenance
- C.Design
- D.Coding

**Correct:B**

**4.Which of the following are artifacts in the requirements process? (Select all that apply.)**

- A.Vision document
- B.Pareto principle
- C.Change control board
- D.Use-case model

**Correct:A D**

**5.What information about a proposed system is usually found in a Supplementary Specification?**

- A.Data values
- B.Sub-components
- C.Non-functional requirements
- D.Testing procedures

**Correct:C**

**6.What term identifies a person who is materially affected by the outcomes of a system?**

- A.Actor
- B.Manager
- C.Stakeholder
- D.Customer

**Correct:C**

**7.Which of the following entities can interact with the boundaries of a system? (Select all that apply.)**

- A.Systems that will interact with the product
- B.Legacy systems that will be replaced by the product

- C.Reports produced by the product
- D.Human users of the product

**Correct:A D**

**8.The glossary is started at the beginning of what phase?**

- A.Construction
- B.Elaboration
- C.Inception
- D.Transition

**Correct:C**

**9.Why is a Requirements Specification also known as a "customer's proxy"?**

- A.Customers vote on whether to include a particular requirement.
- B.Customers outline the Requirements Specification.
- C.Customers use the Requirements Specification to specify what they want.
- D.Customers pay to have the developers write the detailed Requirements Specification.

**Correct:C**

**10.What is the purpose of a glossary?**

- A.Establish common vocabulary
- B.Define universal constraints
- C.Establish a common vision
- D.Establish testable requirements

**Correct:A**

**11.Which of the following are benefits of using a standard template for a Vision document? (Select all that apply.)**

- A.Authors can organize sections in the document to suit the individual project.
- B.Documents appear familiar.
- C.Users with update permission can change the document.
- D.Authors can reuse the work of others, rather than starting from a blank page.

**Correct:B D**

**12.What is the best way to ensure that a URPS requirement is testable?**

- A.Write the requirement so that a measurement can determine if it is met.
- B.Create a traceability link from the requirement to a testable functional requirement.
- C.Add a traceability link from it back to a feature on which it is based.
- D.Place the requirement in the "Special Requirements" property of a Use Case Report.

**Correct:A**

**13.What does a fishbone diagram identify when defining stakeholder needs?**

- A.Root causes
- B.Constraints
- C.Boundaries
- D.Stakeholders

**Correct:A**

**14.Given: A customer service system is being developed for a telephone company to record and answer questions about telephone installations. Which of the following are requirement attributes for the system? (Select all that apply.)**

- A.The use case for recording phone installations is approved.

- B.Users can record length of time for each phone installation.
- C.The system will be available 24 hours a day.
- D.The requirement "automatic assignment of installers" was suggested by Tom Jones.

**Correct:A D**

**15.Given: A customer service system is being developed for a telephone company to record and answer questions about telephone installations. Which of the following are system features? (Select all that apply.)**

- A.Produces status reports about telephone installations
- B.Includes a Phone Installer class
- C.Runs on the Windows 95 operating system
- D.Accommodates simultaneously entry of information from up to 100 installers

**Correct:A C D**

**16.Given: A customer service system is being developed for a telephone company to record and answer questions about telephone installations. What would be considered a non-functional requirement of the software?**

- A.Includes a Phone Installation class
- B.Accommodates simultaneous entry of information from up to 100 installers
- C.Produces a status report
- D.Supports the Windows 98 and Windows 2000 operating systems

**Correct:B D**

**17.What does a non-functional requirement specify?**

- A.Quality attributes of the system
- B.How to fulfill stakeholder requests
- C.How the solution interacts with the outside world
- D.Process used to build the system

**Correct:A**

**18.Which of the following expressions partially define "requirement"? (Select all that apply.)**

- A.Capability that must be performed by the software
- B.Test case that must be part of the test suite for the software
- C.Condition with which the software must comply
- D.Structural component that must be part of the software

**Correct:A C**

**19.What is the main advantage of using brainstorming to identify software requirements?**

- A.Focuses on the usability requirements of the system
- B.Encourages quick generation of many requirements
- C.Gives the customer more buy-in to the requirements process
- D.Allows in-depth explanation of each requirement

**Correct:B**

**20.When identifying root causes of a problem, resolving what percentage of the most important root causes will solve 80% of a problem?**

- A.20%
- B.40%
- C.60%
- D.80%

**Correct:A**