

Name: _____

ID number: _____

1. Which of the statements below are relevant to the activity of eliciting requirements? (Choose three that apply)
 - A. Involve the client and end users in determining their needs.
 - B. Start and end with a list of what to do from a client.
 - C. Necessitate curiosity and investigation.
 - D. Need interaction with the client and end users to define their problem.
2. The activity of analyzing requirements involves checking to ensure requirements are:
 - A. a concise representation of the client's needs, without regard to technical feasibility
 - B. completely capturing the client's responses, with ambiguity expected
 - C. clearly written, and consistent with client's vision
 - D. written in the correct form, even if requirements conflict
3. Why is there an activity to manage requirements? Choose two that are correct.
 - A. So requirements are expressed in a usable form.
 - B. So changes to requirements are tracked for impact upon other requirements and work.
 - C. So requirements can be referred to within other software development activities.
 - D. So requirements are defined clearly, consistently, and completely.
4. Which are examples of the business rule type of software requirement? Choose two that are correct.
 - A. Government regulation
 - B. Data retention policy
 - C. External interfaces
 - D. Human interface guidelines
5. From the course, which type of requirement describes a task that an end user can do with the software product?
 - A. Functional requirement
 - B. User requirement
 - C. Physical setting
 - D. External interface
6. Which types of non-functional requirements are involved in the following statement? "The mobile application must measure the user's location 10 times per second, for a period of at least one hour."
 - A. Security and dependability
 - B. Performance and efficiency
 - C. Performance and accuracy
 - D. Accuracy and usability
7. What does the product vision include? Choose two that are correct.
 - A. Overall goal and purpose that motivates the product
 - B. Future technologies needed to create the product
 - C. Placement among competing solutions
 - D. Plans for activities to develop the product
8. What are acceptable ways to defend against scope creep? Choose two that are correct.
 - A. Make expectations clear.
 - B. Arrange more overtime.

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- C. Ask the question, "Is this in scope?"
- D. Assume the scope change is necessary.
9. "As a client, I want user information within the product to be secure, so that it adheres to the corporate privacy policy."
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constrain
 - E. External interface
 - F. Physical setting
 - G. Functional requirement
 - H. Non-functional requirement
10. "As a user, I want the product to be waterproof, so that it can be used underwater." Which type of requirement does this user story represent?
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constraint
 - E. External interface
 - F. Physical setting
 - G. Functional requirement
 - H. Non-functional requirement
11. "As a CEO, I want the product to generate \$43,000 in revenue in the first year, so that we avoid debt." Which type of requirement does this user story represent?
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constraint
12. "As user, I want the product to work reliably every time, so that I can trust the output information." Which type of requirement does this user story represent?
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Non-functional requirement
13. "As a user, I want to be able to upload a picture of myself to my profile, so that other users know what I look like." Which type of requirement does this user story represent? (Check all that apply)
- A. Business rule
 - B. Business requirement
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- C. User requirement
 - D. Development constraint
14. "As a developer, I want the product to be created using HTML5 and CSS, so that it will work on all browsers." Which type of requirement does this user story represent?
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constraint
15. "As a user, I want to enter my personal information, so that the product can create my account." Which type of requirement does this user story represent? (Check all that apply)
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constraint
16. "As developer, I want the product to send info to a cloud-based database, so that it can store user data."
- A. Business rule
 - B. Business requirement
 - C. User requirement
 - D. Development constraint
 - E. External interface
 - F. Physical setting
 - G. Functional requirement
 - H. Non-functional requirement
17. "As a user, I want the product to update the location every second, so that I can track movement." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security
 - D. Usability
 - E. Efficiency
 - F. Performance
 - G. Maintainability
18. "As a user, I want the product to establish a secure network connection, so that my private information is protected." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security

D. Usability

19. "As a client, I want the ability for additional features to be easily added later, so that I can improve the product." Which type of non-functional requirement does this user story represent?
- A. Usability
 - B. Efficiency
 - C. Performance
 - D. Maintainability
20. As a user, I want to receive location coordinates to within 5 metres, so that I know exactly where to go." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security
 - D. Performance
21. "As a user, I want few buttons and controls, so that the product is easy to navigate." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security
 - D. Usability
22. "As a user I want the product to work even with limited network connection, so that I can use the product anywhere." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security
 - D. Usability
23. "As a user, I want the product to use minimal cellular data, so that I do not waste data when I can't connect to Wi-Fi." Which type of non-functional requirement does this user story represent?
- A. Accuracy
 - B. Dependability
 - C. Security
 - D. Efficiency