

SWR302-HungLD

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Time taken 21 mins 50 secs
Marks 30.67/40.00
Grade 7.67 out of 10.00 (77%)

Question 1
 Correct
 Mark 1.00 out of 1.00
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In collaborative requirements gathering, the facilitator

- a. cannot be a member of the software team
- b. controls and facilitates the process
- c. cannot be a customer
- d. must be an outsider



The correct answer is: controls and facilitates the process

Quiz navigation

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Question 2
 Incorrect
 Mark 0.00 out of 1.00
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Select the incorrect statements from the list below

- a. An actor is a class of person, organization, device, or external software component that interacts with your system
- b. A use case diagram does not show the detail of the use cases: it only summarizes some of the relationships between use cases, actors, and systems.
- c. Use cases not only deal in the functional requirements but also other requirements such as business rules, quality of service requirements, and implementation constraints
- d. Use case diagrams give a fairly simple overview of an interaction so you have to provide more detail to understand what is involved.
- e. Each use case represents a discrete task that involves external interaction with a system.



The correct answer is: Use cases not only deal in the functional requirements but also other requirements such as business rules, quality of service requirements, and implementation constraints

Question 3
 Partially correct
 Mark 0.67 out of 1.00
[Flag question](#)

Which is/are true when we compare the purpose use case diagram and context diagram?

- a. The use case diagram depicts the data and functions of project while context diagram only illustrates the flow of data.
- b. Both define the scope boundary between objects that lie outside the system and things inside the system
- c. The arrows in a context diagram indicate the flow of data, control signals, or physical materials across the system boundary
- d. The arrows in a use case diagram simply indicate the connections between actors and use cases in which they participate: they do not represent a flow of any kind



The correct answers are: Both define the scope boundary between objects that lie outside the system and things inside the system. The arrows in a context diagram indicate the flow of data, control signals, or physical materials across the system boundary. The arrows in a use case diagram simply indicate the connections between actors and use cases in which they participate: they do not represent a flow of any kind

Question 4
 Correct
 Mark 1.00 out of 1.00
[Flag question](#)

the requirement passed its tests after integration into the product. this is _____ status

- a. implemented
- b. verified
- c. rejected
- d. deferred
- e. approved
- f. deleted



The correct answer is: verified

Question 5
 Incorrect
 Mark 0.00 out of 1.00
[Flag question](#)

Which is the result of requirements development?

- a. Meeting minutes
- b. User case diagram and sequence diagram
- c. Requirements specification
- d. Source code



The correct answer is: Requirements specification

Question 6
 Correct
 Mark 1.00 out of 1.00
[Flag question](#)

What happens during static testing?

- a. The programmers monitor the data entry screens as data is entered
- b. The users report missing functionality to the programmers
- c. The software is installed and tested for any logic errors
- d. The code is examined for quality and efficiency



The correct answer is: The code is examined for quality and efficiency

Question 7
 Correct
 Mark 1.00 out of 1.00
[Flag question](#)

Software Requirement Specification (SRS) is also known as specification of _____

- a. Integrated testing
- b. Black box testing
- c. White box testing
- d. Acceptance testing



The correct answer is: Black box testing

Question 8
Correct
Mark 1.00 out of 1.00
Flag question

The software requirements specification could be called

- a. product specification
- b. a business requirements document (BRD)
- c. requirements document
- d. user requirements
- e. functional specification
- f. system specification



The correct answers are: a business requirements document (BRD), functional specification, product specification, system specification, requirements document

Question 9
Correct
Mark 1.00 out of 1.00
Flag question

What are the phases of traceability management?

- a. Establish traceability links
- b. Define traceability policy
- c. Exploit traceability links
- d. Maintain traceability links
- e. Extend traceability links



The correct answers are: Establish traceability links, Define traceability policy, Exploit traceability links, Maintain traceability links

Question 10
Incorrect
Mark 0.00 out of 1.00
Flag question

Product requirement validation occurs primarily after

- a. elicitation
- b. specification
- c. analysis
- d. testing



The correct answer is: specification

Question 11
Correct
Mark 1.00 out of 1.00
Flag question

Which of the following diagrams is used to show system operations?

- a. state machine diagrams
- b. use case diagrams
- c. event trace diagrams
- d. dataflow diagrams



The correct answer is: use case diagrams

Question 12
Correct
Mark 1.00 out of 1.00
Flag question

"Provide a description of the user actions and corresponding system responses that will take place during execution of the use case under normal, expected conditions". This activity belong the _____ section in use case document.

- a. Normal Flow
- b. Exceptions
- c. Postconditions
- d. Alternative Flows



The correct answer is: Normal Flow

Question 13
Correct
Mark 1.00 out of 1.00
Flag question

How to reduce the gap between what the customer needs and what the developer builds?

- a. have ongoing conversations between developers and customers
- b. developers should do what the customer needs
- c. developers need to catch up with the demands of customers
- d. developers should postpone the role of customer in project



The correct answer is: have ongoing conversations between developers and customers

Question 14
Correct
Mark 1.00 out of 1.00
Flag question

To depict the complex logic, which representation technique should be used?

- a. Data dictionary
- b. Decision tree
- c. State-transition diagram
- d. Swimlane diagram
- e. Data flow diagram



The correct answer is: Decision tree

Question 15
Correct
Mark 1.00 out of 1.00
Flag question

Software Requirements Specification (SRS) is also known as specification of

- a. Black box testing
- b. Manual testing
- c. White box testing
- d. Integrated testing



The correct answer is: Black box testing

Question 16
Correct
Mark 1.00 out of 1.00
Flag question

Which of the following is NOT UML diagram?

- a. Entity Relationship Diagram
- b. Class Diagram
- c. Sequence Diagram
- d. Use Case Diagram



The correct answer is: Entity Relationship Diagram

Question 17
Correct
Mark 1.00 out of 1.00
 Flag question

Customers can change their requirements throughout the software development lifecycle because...(1) the business evolves(2) the customer thinks more carefully about what his/her need(3) business analysts gather more input from various stakeholders

- a. (1) (3)
- b. (2) (3)
- c. (1) (2)
- d. (1) (2) (3)



The correct answer is: (1) (2) (3)

Question 18
Correct
Mark 1.00 out of 1.00
 Flag question

One of the right of the customer is...

- a. Dedicate the time that it takes to provide and clarify requirements
- b. Be specific and precise when providing input about requirements
- c. Expect business analysts to learn about the customer's business and objectives



The correct answer is: Expect business analysts to learn about the customer's business and objectives

Question 19
Correct
Mark 1.00 out of 1.00
 Flag question

What is standard requirements activities occurred within each agile iteration?

- (1) Elicit
- (2) Analyze
- (3) Specify
- (4) Validate

- a. C. (1) – (4) – (3) – (2)
- b. B. (1) – (3) – (2) – (4)
- c. A. (1) – (2) – (3) – (4)
- d. D. (4) – (2) – (3) – (1)



The correct answer is: A. (1) – (2) – (3) – (4)

Question 20
Correct
Mark 1.00 out of 1.00
 Flag question

Which of the following is NOT the purpose of software verification and validation?

- a. To make sure there are no errors when running the program
- b. To make sure that all software requirements have been implemented
- c. To make sure that there are no programming errors in the software
- d. To make sure that the users are correctly using the program



The correct answer is: To make sure there are no errors when running the program

Question 21
Incorrect
Mark 0.00 out of 1.00
 Flag question

Which of the following do not belong to stylistic rules for good natural language specification?

- a. Supply diagrams for complex relationships among items
- b. Use "should" for mandatory, "shall" for desirable prescriptions
- c. Avoid unnecessary jargon & acronyms
- d. Make sure every concept is defined before use
- e. None of the others.
- f. Say what you are going to do before doing it



The correct answer is: Use "should" for mandatory, "shall" for desirable prescriptions

Question 22
Incorrect
Mark 0.00 out of 1.00
 Flag question

_____ capture operations to be performed by a system component interactions with other components

- a. Event trace diagram
- b. Use case diagrams
- c. Dataflow diagrams
- d. Sequence diagram
- e. SADT diagrams



The correct answer is: Use case diagrams

Question 23
Correct
Mark 1.00 out of 1.00
 Flag question

Which is the definition of functional requirement?

- a. A top-level requirement for a product that contains multiple subsystems, which could be all software or software and hardware
- b. A policy, guideline, standard, or regulation that defines or constraints some aspect of the business.
Not a software requirement in itself, but the origin of several types of software requirements
- c. A restriction that is imposed on the choices available to the developer
for the design and construction of a product
- d. A description of a property or characteristic that a system must exhibit
or a constraint that it must respect
- e. A goal or task that specific classes of users must be able to perform with a system, or a desired product attribute
- f. A description of a behavior that a system will exhibit under specific conditions



The correct answer is: A description of a behavior that a system will exhibit under specific conditions

Question 24
Correct
Mark 1.00 out of 1.00
 Flag question

The best way to conduct a requirements validation review is to

- a. send them to the design team and see if they have any concerns
- b. use a checklist of questions to examine each requirement
- c. examine the system model for errors
- d. have the customer look over the requirements



The correct answer is: use a checklist of questions to examine each requirement

Question 25
Correct
Mark 1.00 out of 1.00
 Flag question

How to resolve requirements disputes between individual users?

- a. Product champion or product owner decide
- b. Segment with greatest impact on business success gets preferences
- c. Business objectives dictate direction
- d. Favored user class gets preference



The correct answer is: Product champion or product owner decide

Question 26
Correct
Mark 1.00 out of 1.00
 Flag question

Giving a business rule "All website images must include alternative text to be used by electronic reading devices to meet accessibility requirements for visually impaired users." This is a type of _____ rule.

- a. constraint
- b. inferences
- c. action enabler
- d. facts
- e. computation



The correct answer is: constraint

Question 27
Incorrect
Mark 0.00 out of 1.00
 Flag question

Which of the following is not a type of software requirement?

- a. Functionality
- b. External Interface
- c. Performance
- d. Complexity



The correct answer is: Complexity

Question 28
Correct
Mark 1.00 out of 1.00
 Flag question

Which of the following is NOT true for data requirements

- a. A sequence diagram shows object interactions arranged in time sequence. The object holds the data of the system
- b. Teams that are applying object-oriented development methods will draw UML class diagrams to represent the data requirements
- c. A commonly used data model is the entity-relationship diagram or ERD
- d. A data dictionary is a collection of detailed information about the data entities used in an application



The correct answer is: A sequence diagram shows object interactions arranged in time sequence. The object holds the data of the system

Question 29
Correct
Mark 1.00 out of 1.00
 Flag question

The work products produced during requirement elicitation will vary depending on the

- a. stakeholders needs
- b. size of the product being built
- c. size of the budget
- d. software process being used



The correct answer is: size of the product being built

Question 30
Partially correct
Mark 0.75 out of 1.00
 Flag question

Which is(are) internal quality?

- a. Scalability
- b. Verifiability
- c. Installability
- d. Modifiability
- e. Efficiency
- f. Availability



The correct answers are: Verifiability, Scalability , Efficiency , Modifiability

Question 31
Correct
Mark 1.00 out of 1.00
 Flag question

Giving a condition example in specification of withdrawn money use case: "the ATM has dispensed money and printed a receipt". This is a _____

- a. precondition
- b. exception
- c. extension
- d. post condition



The correct answer is: post condition

Question 32
Correct
Mark 1.00 out of 1.00
 Flag question

The use of traceability tables helps to

- a. minimize miscommunication and unnecessary rework
- b. identify, control, and track requirements changes
- c. determine the performance of algorithm implementations
- d. debug programs following the detection of run-time errors



The correct answer is: identify, control, and track requirements changes

Question 33
Incorrect
Mark 0.00 out of 1.00
 Flag question

Select correct statements about Statechart

- a. It provide a structural, entity-relationship view of the system
- b. It is used for outlining an operational view
- c. It provide a behavioral view through statecharts generalizing the events traces in scenarios
- d. It complements such a view through interaction scenarios



The correct answer is: It complements such a view through interaction scenarios

Question 34

Partially correct
Mark 0.50 out of 1.00
Flag question

We select stakeholder base on their

- a. type of contributed knowledge
- b. relevant position in the organization
- c. exposure to perceived problems
- d. role in making decisions



The correct answers are: relevant position in the organization, role in making decisions, type of contributed knowledge, exposure to perceived problems

Question 35

Incorrect
Mark 0.00 out of 1.00
Flag question

Which of the following statements belong to Class diagram?

- a. It provide a structural, entity-relationship view of the system
- b. It complements such a view through interaction scenarios
- c. It is used for outlining an operational view
- d. It provide a behavioral view through state charts generalizing the events traces in scenarios



The correct answer is: It provide a structural, entity-relationship view of the system

Question 36

Correct
Mark 1.00 out of 1.00
Flag question

Change management can also be called

- a. change execution
- b. change prevention
- c. change coordination
- d. change control



The correct answer is: change control

Question 37

Correct
Mark 1.00 out of 1.00
Flag question

Why is base-lining project?

- a. To minimize miscommunication and unnecessary rework
- b. To get an agreement for all the requirements of project
- c. To get an agreement for each set of requirements before the team implements them
- d. To get an agreement for each set of requirements after the team implements them



The correct answers are: To get an agreement for each set of requirements before the team implements them, To minimize miscommunication and unnecessary rework

Question 38

Correct
Mark 1.00 out of 1.00
Flag question

Which of following is NOT true for the Elicitation step?

- a. Business analysts ask developers to submit the solution
- b. Business analysts will listen what customers say about their business tasks
- c. Business analysts will watch how the customers do their job
- d. Business analysts will ask customers questions



The correct answer is: Business analysts ask developers to submit the solution

Question 39

Correct
Mark 1.00 out of 1.00
Flag question

"Files submitted electronically cannot exceed 10 MB in size." This is an example of

- a. Constraint
- b. User requirement
- c. Business rule
- d. Quality attribute



The correct answer is: Constraint

Question 40

Partially correct
Mark 0.75 out of 1.00
Flag question

Which is(are) the characteristics of product backlog?

- a. Multiple teams can work on a single product backlog.
- b. Highest ranking items are decomposed into smaller stories during release planning so that they can be completed in future iterations
- c. Ranking of features is done based on business value, technical value, risk management or strategic fitness.
- d. Each product should have one product backlog which can have a set of large to very large features.
- e. Lowest ranking items are decomposed into smaller stories during release planning so that they can be completed in future iterations



The correct answers are: Each product should have one product backlog which can have a set of large to very large features., Multiple teams can work on a single product backlog., Ranking of features is done based on business value, technical value, risk management or strategic fitness., Highest ranking items are decomposed into smaller stories during release planning so that they can be completed in future iterations

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Review 3

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