Chap1

- 1. Which question no longer concerns the modern software engineer?
- A. Why does computer hardware cost so much?
- B. Why does software take a long time to finish?
- C. Why does it cost so much to develop a piece of software?
- D. Why can't software errors be removed from products prior to delivery?

正确答案: A

- 2. Software is a product and can be manufactured using the same technologies used for other engineering artifacts
- A. True
- B. False

正确答案: B

- 3. Software deteriorates rather than wears out because
- A. Software suffers from exposure to hostile environments
- B. Defects are more likely to arise after software has been used often
- C. Multiple change requests introduce errors in component interactions
- D. Software spare parts become harder to order

正确答案: C

- 4. WebApps are a mixture of print publishing and software development, making their development outside the realm of software engineering practice.
- A. True
- B. False

正确答案: B

- 5. There are no real differences between creating WebApps and MobileApps.
- A. True
- B. False

正确答案: B

6. In its simplest form an external computing device may access cloud data services using a web browser.

A. True	
B. False	
正确答案: A	
7. Product line software development depends the reuse of existing software com	ponents to
provide software engineering leverage.	
A. True	
B. False	
正确答案: A	
Chap2	
1. Which of the items listed below is not one of the software engineering layers?	
A. Process	
B. Manufacturing	
C. Methods	
D. Tools	
正确答案: B	
2. Software engineering umbrella activities are only applied during the initial phases	of software
development projects.	
A. True	
B. False	
正确答案: B	
3. Which of these are the 5 generic software engineering framework activities?	
A. communication, planning, modeling, construction, deployment	
B. communication, risk management, measurement, production, reviewing	
C. analysis, designing, programming, debugging, maintenance	
D. analysis, planning, designing, programming, testing	
正确答案: A	
4. Planning ahead for software reuse reduces the cost and increases the value of the s	ystems into
which they are incorporated.	
A. True	
B. False	

正确答案: A

5. The essence of software engineering practice might be described as understand the problem, plan a solution, carry out the plan, and examine the result for accuracy.A. TrueB. False
正确答案: A
6. In agile process models the only deliverable work product is the working program.A. TrueB. False
正确答案: B
7. A most software development projects are initiated to try to meet some business need.A. TrueB. False
正确答案: A
8. In general software only succeeds if its behavior is consistent with the objectives of its designers.A. TrueB. False
正确答案: B
Chap3 1. Which of the following are recognized process flow types? A. Concurrent process flow B. Iterative process flow C. Linear process flow D. Spiral process flow
E. both a and c

正确答案: E

2. The communication activity is best handled for small projects using six distinct actions (inception, elicitation, elaboration, negotiation, specification, validation).
A. True
B. False
正确答案: B
3. A good software development team always uses the same task set for every project to insure high quality work productsA. TrueB. False
正确答案: B
业州 (古术: D
4. Software processes can be constructed out of pre-existing software patterns to best meet the needs of a software project.A. TrueB. False
正确答案: A
 5. Which of these are standards for assessing software processes? A. SEI B. SPICE C. ISO 9000 D. ISO 9001 E. both b and d
正确答案: E
Chap4 1. The waterfall model of software development is A. A reasonable approach when requirements are well defined. B. A good approach when a working program is required quickly. C. The best approach to use for projects with large development teams. D. An old fashioned model that is rarely used any more.
正确答案: A
2. The incremental model of software development is

- A. A reasonable approach when requirements are well defined.
- B. A good approach when a working core product is required quickly.
- C. The best approach to use for projects with large development teams.
- D. A revolutionary model that is not used for commercial products.

- 3. Evolutionary software process models
- A. Are iterative in nature.
- B. Can easily accommodate product requirements changes.
- C. Do not generally produce throwaway systems.
- D. All of the above.

正确答案: D

- 4. The prototyping model of software development is
- A. A reasonable approach when requirements are well defined.
- B. A useful approach when a customer cannot define requirements clearly.
- C. The best approach to use for projects with large development teams.
- D. A risky model that rarely produces a meaningful product.

正确答案: B

- 5. The spiral model of software development
- A. Ends with the delivery of the software product.
- B. Is more chaotic than the incremental model.
- C. Includes project risks evaluation during each iteration.
- D. All of the above.

正确答案: C

- 6. The concurrent development model is
- A. Another name for concurrent engineering.
- B. Defines events that trigger engineering activity state transitions.
- C. Only used for development of parallel or distributed systems.
- D. Used whenever a large number of change requests are anticipated.
- E. Both a and b

正确答案: E

- 7. The component-based development model is
- A. Only appropriate for computer hardware design.
- B. Not able to support the development of reusable components.
- C. Dependent on object technologies for support.
- D. Not cost effective by known quantifiable software metrics.

正确答案: C

- 8. The formal methods model of software development makes use of mathematical methods to
- A. Define the specification for computer-based systems.
- B. Develop defect free computer-based systems.
- C. Verify the correctness of computer-based systems.
- D. All of the above.

正确答案: D

- 9. Which of these is not one of the phase names defined by the Unified Process model for software development?
- A. Inception phase
- B. Elaboration phase
- C. Construction phase
- D. Validation phase

正确答案: D

- 10. Which of these is not a characteristic of Personal Software Process?
- A. Emphasizes personal measurement of work product.
- B. Practitioner requires careful supervision by the project manager.
- C. Individual practitioner is responsible for estimating and scheduling.
- D. Practitioner is empowered to control quality of software work products.

正确答案: B

- 11. Which of these are objectives of Team Software Process?
- A. Accelerate software process improvement
- B. Allow better time management by highly trained professionals
- C. Build self-directed software teams
- D. Show managers how to reduce costs and sustain quality
- E. Both b and c

正确答案: A

A. basic problem understanding B. nature of the solution needed C. people who want a solution

D. none of the above

E. a, b, c

正确答案: E

A. budgeting B. scope

正确答案: E
12. Process technology tools allow software organizations to compress schedules by skipping unimportant activities.A. TrueB. False
正确答案: B
13. It is generally accepted that one cannot have weak software processes and create high quality end products. A. True B. False 正确答案: A
Chap8
1. Requirements engineering is a generic process that does not vary from one software project to
another. A. True
B. False

2. During project inception the intent of the of the tasks are to determine

3. Three things that make requirements elicitation difficult are problems of

C. understanding	
D. volatility E. b, c, d	
正确答案: E	
4. A stakeholder is anyone who will purchase the completed software system under development.A. TrueB. False	
正确答案: B	
5. It is relatively common for different customers to propose conflicting requirements, each arguing that his or her version is the right one.A. TrueB. False	
正确答案: A	
6. Which of the following is not one of the context-free questions that would be used during project inception?A. What will be the economic benefit from a good solution?B. Who is behind the request for work?C. Who will pay for the work?D. Who will use the solution?	
正确答案: C	
7. Non-functional requirements can be safely ignored in modern software development projects.A. TrueB. False	
正确答案: B	
 8. In collaborative requirements gathering the facilitator A. arranges the meeting place B. can not be a customer C. controls the meeting D. must be an outsider 	

正确答案: C

B. False

9. Which of the following is not one of the requirement classifications used in Quality Function Deployment (QFD)?A. excitingB. expectedC. mandatoryD. normal
正确答案: C
 10. The work products produced during requirement elicitation will vary depending on the A. size of the budget. B. size of the product being built. C. software process being used. D. stakeholders needs. E. both a and b
正确答案: E
11. User stories are complete descriptions the user needs and include the non-functional requirements for a software increment. A. True B. False
正确答案: A
12. Developers and customers create use-cases to help the software team understand how different classes of end-users will use functions.A. TrueB. False
正确答案: A
13. Use-case actors are always people, never system devices.A. True

14. The result of the requirements engineering task is an analysis model that defines which of the
following problem domain(s)?
A. information
B. functional
C. behavioral
D. all of the above
正确答案: D
15. Analysis patterns facilitate the transformation of the analysis model into a design model by
suggesting reliable solutions to common problems.
A. True
B. False
正确答案: A
16. In agile process models requirements engineering and design activities are interleaved.A. True
B. False
正确答案: A
17. In win-win negotiation, the customer's needs are met even though the developer's need may
not be.
A. True
B. False
正确答案: B
18. In requirements validation the requirements model is reviewed to ensure its technical feasibility.
A. True
B. False
正确答案: B
业则日本; D

19. The most common reason for software project failure is lack of functionality.

A. True B. False
正确答案: B
第9章试题
 Which of these is not an element of a requirements model? Behavioral elements Class-based elements Data elements
D. Scenario-based elements
正确答案: C
 2. Which of the following is not an objective for building a requirements model? A. define set of software requirements that can be validated B. describe customer requirements C. develop an abbreviated solution for the problem D. establish basis for software design
正确答案: C
3. Object-oriented domain analysis is concerned with the identification and specification of reusable capabilities within an application domain.A. TrueB. False
正确答案: A
4. In structured analysis models focus on the structure of the classes defined for a system along with their interactions.A. TrueB. False
正确答案: B
 Creation and refinement of use cases if an important part of scenario-based modeling. True

B. False	
正确答案: A	
6. It is important to consider alternative actor interactions when creating a preli	iminary use case.
A. True	
B. False	
正确答案: B	
7. Brainstorming is one technique that may be used to derive a complete set of use	se case exceptions.
A. True	
B. False	
正确答案: A	
8. In many cases there is no need to create a graphical representation of a usage	e scenario.
A. True	
B. False	
正确答案: A	
9. UML activity diagrams are useful in representing which analysis model eleme	ents?
A. Behavioral elements	
B. Class-based elements	
C. Flow-based elements	
D. Scenario-based elements	
正确答案: D	
10. UML swimnlane diagrams allow you to represent the flow of activities by s	showing the actors
having responsibility for creating each data element.	
A. True	
B. False	
正确答案: B	
第 10 章试题	
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Which of the following should be considered as candidate objects in a problem space? A. events
B. people
C. structures D. all of the above
D. all Of the above
正确答案: D
2. In the grammatical parse of a processing narrative the nouns become object candidates in the analysis model.
A. True
B. False
正确答案: A
3. Attributes are chosen for an object by examining the problem statement and identifying the entities that appear to be related.A. TrueB. False
正确答案: B
4. Which of the following is not one of the broad categories used to classify operations?
A. computation
B. data manipulation
C. event monitors
D. transformers
正确答案: D
5. Collaborators in CRC modeling are those classes needed to fulfill a responsibility on another card.
A. True
B. False
正确答案: A
6. Which of the following items does not appear on a CRC card?A. class collaborators

B. class name C. class reliability D. class responsibilities 正确答案: C 7. Class responsibilities are defined by A. its attributes only B. its collaborators C. its operations only D. both its attributes and operations 正确答案: D 8. A stereotype is the basis for class reuse in UML modeling. A. True B. False 正确答案: B 9. An analysis package involves the categorization of analysis model elements into useful groupings. A. True B. False 正确答案: A 第 11 章试题 1. The behavior modeling is only used in the analysis of real-time systems. A. True B. False 正确答案: B 2. For purposes of behavior modeling an event occurs whenever A. a state and process exchange information. B. the system an actor exchange information.

C. two actors exchange information.D. two objects exchange information.

3. For purposes of behavior modeling a state is any
A. consumer or producer of data.
B. data object hierarchy.
C. observable mode of behavior. D. well defined process.
b. Well defined process.
正确答案: C
4. The state transition diagram
A. depicts relationships between data objects
B. depicts functions that transform the data flow
C. indicates how data are transformed by the system
D. indicates system reactions to external events
正确答案: D
E. The LIMIT company discusses the angle in which makes are assessed.
5. The UML sequence diagram shows the order in which system events are processed. A. True
B. False
正确答案: B
6. Analysis patterns are discovered, they are not explicitly created.
A. True
B. False
正确答案: A
业明·日本: A
7. It is not possible to justify the time required for mobile app requirements analysis.
A. True
B. False
正确答案: B

8. Which is not one of the analysis activities that is used to create a complete analysis model?

A. Configuration analysis

B. Content analysis
C. Functional analysis
D. Market analysis
正确答案: D
9. Content objects are extracted from use cases by examining the scenario description for direct or
indirect content references.
A. True
B. False
正确答案: A
10. What are the elements of a WebApp interaction model?
A. activity diagrams, sequence diagrams, state diagrams, interface prototype
B. activity diagrams, collaboration diagrams, sequence diagrams, state diagrams
C. use-cases, sequence diagrams, state diagrams, interface prototype
D. use-cases, sequence diagrams, state diagrams, sequence diagrams
2. abb cases, coquerior alag.anie, scare alag.anie, soquerior alag.anie
正确答案: C
11. UML activity diagrams can be used to represent the user observable functionality delivered by
the WebApp as well as the operations contained in each analysis class.
A. True
B. False
正确答案: A
12. Configuration analysis focuses on the architecture of the user's web browsing environment.
A. True
B. False
正确答案: B
第 12 章试题
1. Which of the following are areas of concern in the design model?
A. architecture
B. data

- C. interfaces
- D. project scope
- E. a, b, c

正确答案: E

- 2. The importance of software design can be summarized in a single word
- A. accuracy
- B. complexity
- C. efficiency
- D. quality

正确答案: D

- 3. Which of these are characteristics of a good design?
- A. exhibits strong coupling between its modules
- B. implements all requirements in the analysis model
- C. includes test cases for all components
- D. provides a complete picture of the software
- E. b and d

正确答案: E

- 4. Which of the following is not a characteristic common to all design methods?
- A. configuration management
- B. functional component representation
- C. quality assessment guidelines
- D. refinement heuristics

正确答案: A

- 5. What types of abstraction are used in software design?
- A. control
- B. data
- C. environmental
- D. procedural
- E. a, b, d

正确答案: E

6. Which of the following can be used to represent the architectural design of a piece of softwa A. Dynamic models B. Functional models C. Structural models D. All of the above 正确答案: D 7. Design patterns are not applicable to the design of object-oriented software? A. True B. False 正确答案: B 8. Since modularity is an important design goal it is not possible to have too many modules i proposed design. A. True B. False
B. Functional models C. Structural models D. All of the above 正确答案: D 7. Design patterns are not applicable to the design of object-oriented software? A. True B. False 正确答案: B 8. Since modularity is an important design goal it is not possible to have too many modules i proposed design. A. True
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A. True
B. False
正确答案: B
9. Information hiding makes program maintenance easier by hiding data and procedure fr
unaffected parts of the program.
A. True
B. False
正确答案: A
10. Cohesion is a qualitative indication of the degree to which a module
A. can be written more compactly.
B. focuses on just one thing.
C. is able to complete its function in a timely manner.
D. is connected to other modules and the outside world.
正确答案: B
11. Coupling is a qualitative indication of the degree to which a moduleA. can be written more compactly.

B. focuses on just one thing. C. is able to complete its function in a timely manner. D. is connected to other modules and the outside world. 正确答案: D 12. When using structured design methodologies the process of stepwise refinement is unnecessary. A. True B. False 正确答案: B 13. Software designs are refactored to allow the creation of software that is easier to integrate, easier to test, and easier to maintain. A. True B. False 正确答案: A 14. Which of the following is not one of the five design class types A. Business domain classes B. Entity classes C. Process classes D. User interface classes 正确答案: B 15. Which design model elements are used to depict a model of information represented from the user's view? A. Architectural design elements B. Component-level design elements C. Data design elements D. Interface design elements

16. Which design is equivalent to the floor plan of a house?

A. Architectural design

正确答案: C

B. Component-level design	
C. Data design	
D. Interface design	
正确答案: A	
17. Which design model is equivalent to the detailed drawings of the access points and exterutilities for a house?	nal
A. Architectural design	
B. Component-level design	
C. Data design	
D. Interface design	
正确答案: D	
18. Which design model is equivalent to a set of detailed drawings for each room in a house?A. Architectural designB. Component-level design	
C. Data design	
D. Interface design	
正确答案: B	
19. The deployment design elements specify the build order for the software components.A. TrueB. False	
正确答案: B	
第 13 章试题	
1. The best representation of system architecture is an operational software prototype.A. TrueB. False	
正确答案: B	
 The architectural representations can be an enabler for communication among proj stakeholders. True 	ject

B. False	
正确答案: A	
	ctural description is often documented using an architecture template.
A. True	
B. False	
正确答案: B	
	ectural decision is often documented using an architecture decision description
template.	
A. True	
B. False	
正确答案: A	
structure to b A. True B. False	ctural genre will often dictate the architectural approach that may used for the built.
正确答案: A	
6. An architec	ctural style encompasses which of the following elements?
A. constraints	
B. set of comp	
C. semantic m	
D. syntactic m	iodels
E. a, b, c	
正确答案: E	
7 To dotormir	ne the architectural style or combination of styles that best fits the proposed syste
	engineering is used to uncover
A. algorithmic	
	tics and constraints
D. CHALACIELIS	ucs and constraints

C. control and data
D. design patterns

8. Before an architectural pattern can be chosen for use in a specific system it must have a code implementation to facilitate its reuse. A. True
B. False
正确答案: B
 9. The criteria used to assess the quality of an architectural design should be based on system A. accessibility B. control C. data D. implementation E. b and c
正确答案: E
10. Software architectural considerations often interact with each other and moderate each other.A. TrueB. False
正确答案: A
11. Developer notes are not a reliable means of documenting architectural decisionsA. TrueB. False
正确答案: B
12. During process of modeling the system in context, systems that interact with the target system
are represented as
A. Peer-level systems
B. Subordinate systems
C. Superordinate systems
D. Working systems
E. a, b, c

正确答案: E

stakeholders.

13. Once selected, archetypes always need to be refined further as architectural design proceeds.A. TrueB. False
正确答案: A
14. Which of the following is not an example of infrastructure components that may need to be integrated into the software architecture?
A. Communications components
B. Database components
C. Interface components
D. Memory management components
正确答案: C
15. In the architecture trade-off analysis method the architectural style should be described using the
A. data flow view
B. module view
C. process view
D. user view E. a, b, c
L. a, b, C
正确答案: E
16. A useful technique for evaluating the overall complexity of a proposed architecture is to look
at the component
A. cohesion
B. flow dependencies
C. sharing dependencies D. size
E. b and c
正确答案: E

17. Software architects need to create consensus among software team members and other

A.	True
В.	False
I	研答案: A
re A.	3. Pattern-based architectural reviews can be useful for project with short build cycles and volatile quirements. True False
I	确答案: A
th A.	 Static architectural conformance checking assesses whether or not the source code matches e user visible requirements. True False
I	确答案: B
A. B.	D. Architectural design has no role in agile software process models. True False
第	5 14 章试题
A.	In the most general sense a component is a modular building block for computer software. True False
Ē	T 确答案: A
A. B. C.	In the context of object-oriented software engineering a component contains attributes and operations instances of each class roles for each actor (device or user) set of collaborating classes

正确答案: D

正确答案: A

3. In traditional software engineering modules must serve in which of the following roles?
A. Control component
B. Infrastructure component
C. Problem domain component
D. All of the above
正确答案: D
4. Software engineers always need to cerate components from scratch in order to meet customer
expectations fully.
A. True
B. False
正确答案: B
5. Which of the following is not one of the four principles used to guide component-level design?
A. Dependency Inversion Principle
B. Interface Segregation Principle
C. Open-Closed Principle
D. Parsimonious Complexity Principle
正确答案: D
6. The use of stereotypes can help identify the nature of components at the detailed design level.
A. True
B. False
正确答案: A
7. Classes and components that exhibit functional, layer, or communicational cohesion are
relatively easy to implement, test, and maintain.
A. True
B. False

A. True B. False 正确答案: B 9. In component design elaboration requires which of the follow detail? A. Algorithms B. Attributes C. Interfaces D. Operations E. b, c, d 正确答案: E 10. In component-level design persistent data sources refer to A. Component libraries B. Databases C. Files D. All of the above E. b and c 正确答案: E 11. WebApp content design at the component level focuses on cowhich they interact. A. True B. False 正确答案: B	
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B. False 正确答案: B 12. A WebApp functional architecture describes the key function interact with each other.	ntent objects and the mann
正确答案: B 12. A WebApp functional architecture describes the key function interact with each other.	
12. A WebApp functional architecture describes the key function interact with each other.	
interact with each other.	
	onal components and how
A True	
A. True	
B. False	
正确答案: A	

13. Component-level design for mobile apps is not any different from component-based design for	
Web apps.	
A. True	
B. False	
正确答案: A	
14. Which of these constructs is used in structured programming?	
A. branching	
B. condition	
C. repetition	
D. sequence	
E. b, c, d	
正确答案: E	
15. In component-based software engineering, the development team examines the requirements to see which are amenable to composition, rather than construction, before beginning detailed design tasks. A. True B. False	
正确答案: A	
16. Which of the following is not one of the major activities of domain engineering?	
A. analysis	
B. construction	
C. dissemination	
D. validation	
正确答案: D	
17. Which of the following factors would not be considered during companent qualification?	
17. Which of the following factors would not be considered during component qualification?A. application programming interface (API)	
B. development and integration tools required	
C. exception handling	
D. testing equipment required	
正确答案: D	

18. Which is the following is a technique used for component wrapping?A. black-box wrappingB. clear-box wrappingC. gray-box wrappingD. white-box wrapping
正确答案: B
19. Which of the following is not one of the issues that form a basis for design for reuse?A. object-oriented programmingB. program templatesC. standard dataD. standard interface protocols
正确答案: A
20. In a reuse environment, library queries are often characterized using the element of the 3C Model. A. concept B. content C. context D. all of the above 正确答案: D
第 15 章试题
1. Which of the following interface design principles does not allow the user to remain in control of the interaction with a computer? A. allow interaction to interruptible B. allow interaction to be undoable C. hide technical internals from casual users D. only provide one rigidly defined method for accomplishing a task 正确答案: D
2. Which of the following interface design principles reduce the user's memory load?

A. define intuitive shortcuts

B. disclose information in a progressive fashion
C. establish meaningful defaults
D. provide an on-line tutorial
E. a, b, c
正确答案: E
3. The reason for reducing the user's memory load is make his or her interaction with the computer
quicker to complete.
A. True
B. False
正确答案: B
4. Interface consistency implies that
 Interface consistency implies that each application should have its own distinctive look and feel
B. input mechanisms remain the same throughout the application
C. navigational methods are context sensitive
D. visual information is organized according to a design standard
E. b and d
正确答案: E
5. If past interactive models have created certain user expectations it is not generally good to make
changes to the model.
A. True
B. False
正确答案: A
6. Which model depicts the profile of the end users of a computer system?
A. design model B. implementation model
C. user model
D. user's model
2. 200. 2220.
正确答案: C
7. Which model depicts the image of a system that an end user creates in his or her head?

A. design model B. user model C. system model D. system perception 正确答案: D 8. Which model depicts the look and feel of the user interface along with all supporting information? A. implementation model B. user model C. user's model D. system perception 正确答案: A 9. Which of these framework activities is not normally associated with the user interface design processes? A. cost estimation B. interface construction C. interface validation D. user and task analysis 正确答案: A 10. Which approach(es) to user task analysis can be useful in user interface design? A. have users indicate their preferences on questionnaires B. rely on the judgement of experienced programmers C. study existing computer-based solutions D. observe users performing tasks manually E. c and d 正确答案: E 11. Object-oriented analysis techniques can be used to identify and refine user task objects and actions without any need to refer to the user voice. A. True B. False 正确答案: B

12. The computer's display capabilities are the primary determinant of the order in which user interface design activities are completed. A. True B. False 正确答案: B
13. It is sometimes possible that the interface designer is constrained by environmental factors that mitigate against ease of use for many users. A. True B. False 正确答案: A
14. One means of defining user interface objects and actions is to conduct a grammatical parse of the user scenario.A. TrueB. False
正确答案: A 15. Interface design patterns typically include a complete component-level design (design classes,
attributes, operations, and interfaces). A. True B. False
正确答案: A
 16. Several common design issues surface for almost every user interface including A. adaptive user profiles B. error handling C. resolution of graphics displays D. system response time E. b and d
正确答案: E
17. It is more important to capture the user's attention with flashy features than ergonomically

sound screen layouts when building a WebApp.
A. True
B. False
正确答案: B
18. Several usability measures can be collected while observing users interacting with a computer
system including
A. down time for the application B. number of user errors
C. software reliability
D. time spent looking at help materials
E. b and d
正确答案: E
第 17 章试题
1. Which of the following characteristics should not be used to assess the quality of a WebApp? A. aesthetics
B. reliability
C. maintainability
D. usability
正确答案: A
2. Which of the following are design goals for every WebApp?
A. Simplicity
B. Consistency
C. Navigability
D. Visual appeal
E. All of the above.
正确答案: E

3. Which of the following not part of the design pyramid for WebE design?

A. Architectural designB. Business case designC. Content designD. Navigation design

正确答案: B

4. With WebApps content is everything, a poorly defined user interface will be quickly overlooked
by frequent users.
A. True
B. False
正确答案: B
5. Which of these are WebApp interaction mechanisms?
A. Graphic icons
B. Graphic images
C. Navigation menus
D. All of the above
正确答案: D
6. Screen layout design has several widely accepted standards based on human factors research.
A. True
B. False
正确答案: B
7. Graphic design considers every aspect of the look and feel of a WebApp. A. True
B. False
正确答案: A
8. Content design is conducted by
A. Copywriters and graphic designer
B. Web engineers
C. both a and b
D. none of the above
正确答案: C
9. Content objects have both information attributes defined during analysis and implementation
specific attributes specified during design.
A. True
B. False
正确答案: A
10. Content objects are not normally chunked into Web pages until the implementation activities
begin.
A. True
B. False
正确答案: B
11. Content architecture and WebApp architecture are pretty much the same thing for many WebApps?

工场从中 -	
正确答案: [3
12. Which of	the following is not one of the content architectural structures used by web enginee
A. linear	,
B. grid	
C. hierarch	ical
D. parallel	
正确答案:[
13. MVC is a	three layer architecture that contains a
	e, view, content objects
	view, and content objects
	view, and controller
	e, view, controller
正确答案: (
	gational design involves creating a semantic navigational unit for each goal associate
with each de	fined user role.
A. True	
B. False	
正确答案:	4
15 To allow	the user to feel in central of a WebAnn it is a good idea to miv both beginned as
15. 10 allow	the user to feel in control of a WebApp, it is a good idea to mix both horizontal ar
	ation machanisms on the same nage
vertical navig	ration mechanisms on the same page.
vertical navig A. True	ration mechanisms on the same page.
vertical navig A. True B. False	
vertical navig A. True	
vertical navig A. True B. False 正确答案: E	Bent level design for WebApps is very similar to component level design for other
vertical navig A. True B. False 正确答案: E 16. Compone software deli	3
vertical navig A. True B. False 正确答案: E 16. Compone software deli A. True	Bent level design for WebApps is very similar to component level design for other
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A. True

18. UML does not have any representation schemas that are useful in building WebApp design models. A. True B. False 正确答案: B
第 20 章试题
 The purpose of software reviews is to uncover errors and defects in work products so they can be removed before moving on to the next phase of development. A. True B. False 正确答案: A
2. In general the earlier a software defect is discovered and corrected the less costly to the overall project budget. A. True B. False 正确答案: A
3. Defect amplification models can be used to illustrate the costs associated with using software from its initial deployment to its retirement. A. True B. False 正确答案: B
4. Review metrics can be used to assess the efficacy of each review activity. A. True B. False 正确答案: A
5. Defect density can be estimated for any software engineering work product. A. True B. False 正确答案: A
6. Agile software developers are aware that software reviews always take time without saving any.

- A. True
- B. False

- 7. The level of review formality is determined by which of the following?
 - A. amount of preparation
 - B. reviewer follow-up
 - C. size of project budget
 - D. structure of review
 - E. a, b, d

正确答案: E

- 8. An informal review may consist of which of the following?
 - A. casual meeting
 - B. desk check
 - C. inspection
 - D. pair programming
 - E. a and b

正确答案: E

- 9. Which of the following are objectives for formal technical reviews?
 - A. allow senior staff members to correct errors
 - B. assess programmer productivity
 - C. determining who introduced an error into a program
 - D. uncover errors in software work products

正确答案: D

- 10. At the end of a formal technical review all attendees can decide to
 - A. accept the work product without modification
 - B. modify the work product and continue the review
 - C. reject the product due to stylistic discrepancies
 - D. reject the product due to severe errors
 - E. a and d

正确答案: E

- 11. A review summary report answers which three questions?
 - A. terminate project, replace producer, request a time extension
 - B. what defects were found, what caused defects, who was responsible
 - C. what was reviewed, who reviewed it, what were the findings
 - D. none of the above

正确答案: C

- 12. In any type of technical review, the focus of the review is on the product and not the producer.
 - A. True

A. True
B. False
正确答案: B
第 22 章试题
1. In software quality assurance work there is no difference between software verification and
software validation.
A. True B. False
正确答案: B
2. The best reason for using Independent software test teams is that
A. software developers do not need to do any testing
B. strangers will test the software mercilessly
C. testers do not get involved with the project until testing begins
D. the conflicts of interest between developers and testers is reduced
正确答案: D
3. What is the normal order of activities in which traditional software testing is organized?
A. integration testing, system testing, unit testing, validation testing.
B. unit testing, validation testing, system testing, integration testing
C. unit testing, integration testing, validation testing, system testing
D. validation testing, system testing, integration testing, unit testing
正确答案: C
4. De celle stige e afteres a strice e ad a selvice e conference afteres a fitting a selicitite and dele it is a secible
4. By collecting software metrics and making use of existing software reliability models it is possible to develop meaningful guidelines for determining when software testing is done.
A. True
B. False
正确答案: A
5. Which of the following strategic issues needs to be addressed in a successful software testing

13. Sample driven reviews only make sense for very small software development projects.

B. False 正确答案: A

process?

A. conduct formal technical reviews prior to testing B. specify requirements in a quantifiable manner

C. use independent test teams

E. a and b 正确答案: E 6. Which of the following need to be assessed during unit testing? A. algorithmic performance B. code stability C. error handling D. execution paths E. c and d 正确答案: E 7. Units and stubs are not needed for unit testing because the modules are tested independently of one another. A. True B. False 正确答案: B 8. Top-down integration testing has as it's major advantage(s) that A. low level modules never need testing B. major decision points are tested early C. no drivers need to be written D. no stubs need to be written E. b and c 正确答案: E 9. Bottom-up integration testing has as it's major advantage(s) that A. major decision points are tested early B. no drivers need to be written C. no stubs need to be written D. regression testing is not required 正确答案: C 10. Regression testing should be a normal part of integration testing because as a new module is added to the system new A. control logic is invoked B. data flow paths are established C. drivers require testing D. all of the above F. a and b 正确答案: E

D. wait till code is written prior to writing the test plan

Smoke testing might best be described as
 bulletproofing shrink-wrapped software

C. testing	g that hides implementation errors
D. unit te	esting for small programs
正确答案:	В
12. When t	esting object-oriented software it is important to test each class operation separately
as part of tl	he unit testing process.
A. True	
B. False	
正确答案:	В
13. The OO	testing integration strategy involves testing
A. groups	s of classes that collaborate or communicate in some way
B. single	operations as they are added to the evolving class implementation
C. operat	or programs derived from use-case scenarios
D. none	of the above
正确答案:	A
14. Since m	any WebApps evolve continuously, the testing process must be ongoing as well.
A. True	
B. False	
正确答案:	A
15. Testing	MobileApps is not different than testing WebApps.
A. True	
B. False	
正确答案:	В
16. The foc	us of validation testing is to uncover places that s user will be able to observe failure of
the softwar	re to conform to its requirements.
A. True	
B. False	
正确答案:	A
17. Softwa	re validation is achieved through a series of tests performed by the user once the
software is	deployed in his or her work environment.
A. True	
B. False	
正确答案:	В
	ration ravious are not peopled if regression testing has been rigorously applied during
18. Configu	ration reviews are not needed if regression testing has been rigorously applied during
18. Configu software in	ration reviews are not needed if regression testing has been rigorously applied during tegration.

B. rolling integration testing

正确答案: E

业州古未 : b
19. Acceptance tests are normally conducted by the A. developer B. end users
C. test team
D. systems engineers
正确答案: B
20. Recovery testing is a system test that forces the software to fail in a variety of ways and verifies that software is able to continue execution without interruption.A. TrueB. False
正确答案: B
21. Security testing attempts to verify that protection mechanisms built into a system protect it from improper penetration.A. TrueB. False
正确答案: A
业则有来: A
22. Stress testing examines the pressures placed on the user during system use in extreme environments. A. True B. False 正确答案: B
 23. Performance testing is only important for real-time or embedded systems. A. True B. False True (Str. P)
正确答案: B
24. Debugging is not testing, but always occurs as a consequence of testing.A. TrueB. False
正确答案: A
25. Which of the following is an approach to debugging? A. backtracking
B. brute force
C. cause elimination
D. code restructuring
E. a, b, c

第 23 章试题

1. With thorough testing it is possible to remove all defects from a program prior to delivery to the
customer.
A. True
B. False
正确答案: B
2. Which of the following are characteristics of testable software?

- - A. observability
 - B. simplicity
 - C. stability
 - D. all of the above

正确答案: D

- 3. The testing technique that requires devising test cases to demonstrate that each program function is operational is called
 - A. black-box testing
 - B. glass-box testing
 - C. grey-box testing
 - D. white-box testing

正确答案: A

- 4. The testing technique that requires devising test cases to exercise the internal logic of a software module is called
 - A. behavioral testing
 - B. black-box testing
 - C. grey-box testing
 - D. white-box testing

正确答案: D

- 5. What types of errors are missed by black-box testing and can be uncovered by white-box testing?
 - A. behavioral errors
 - B. logic errors
 - C. performance errors
 - D. typographical errors
 - E. b and d

正确答案: E

- 6. Program flow graphs are identical to program flowcharts.
 - A. True
 - B. False

- 7. The cyclomatic complexity metric provides the designer with information regarding the number of
 - A. cycles in the program
 - B. errors in the program
 - C. independent logic paths in the program
 - D. statements in the program

正确答案: C

- 8. The cyclomatic complexity of a program can be computed directly from a PDL representation of an algorithm without drawing a program flow graph.
 - A. True
 - B. False

正确答案: A

- 9. Condition testing is a control structure testing technique where the criteria used to design test cases is that they
 - A. rely on basis path testing
 - B. exercise the logical conditions in a program module
 - C. select test paths based on the locations and uses of variables
 - D. focus on testing the validity of loop constructs

正确答案: B

- 10. Data flow testing is a control structure testing technique where the criteria used to design test cases is that they
 - A. rely on basis path testing
 - B. exercise the logical conditions in a program module
 - C. select test paths based on the locations and uses of variables
 - D. focus on testing the validity of loop constructs

正确答案: C

- 11. Loop testing is a control structure testing technique where the criteria used to design test cases is that they
 - A. rely basis path testing
 - B. exercise the logical conditions in a program module
 - C. select test paths based on the locations and uses of variables
 - D. focus on testing the validity of loop constructs

正确答案: D

- 12. Black-box testing attempts to find errors in which of the following categories
 - A. incorrect or missing functions
 - B. interface errors
 - C. performance errors

2	of the above
E. a, b, c	
正确答案:	E
13. Graph-b	pased testing methods can only be used for object-oriented systems
A. True	
B. False	
正确答案:	В
14. Equivale	ence testing divides the input domain into classes of data from which test cases can b
derived to r	educe the total number of test cases that must be developed.
A. True	
B. False	
正确答案:	A
15. Bounda	ry value analysis can only be used to do white-box testing.
A. True	
B. False	
正确答案:	В
16. Orthogo	onal array testing enables the test designer to maximize the coverage of the test case
devised for	relatively small input domains.
A. True	
B. False	
正确答案:	A
17. Test der	ived from behavioral class models should be based on the
A. data fl	ow diagram
B. object-	-relation diagram
C. state t	ransition diagram
D. use-ca	
工格粉虫	se diagram
正确答案:	
	C
18. Docume	C
18. Docume A. True	C entation does not need to be tested.
18. Docume A. True B. False 正确答案:	C entation does not need to be tested.
18. Docume A. True B. False 正确答案:	entation does not need to be tested. B The applications add a new and potentially difficult element to the testing mix
18. Docume A. True B. False 正确答案: 19. Real-tim	entation does not need to be tested. B The applications add a new and potentially difficult element to the testing mix mance
18. Docume A. True B. False 正确答案: 19. Real-tim A. perfori	entation does not need to be tested. B ne applications add a new and potentially difficult element to the testing mix mance lity
18. Docume A. True B. False 正确答案: 19. Real-tim A. perford B. reliabil	entation does not need to be tested. B ne applications add a new and potentially difficult element to the testing mix mance lity

软件工程课程网站
第 24 章试题
1. It is not possible to test object-oriented software without including error discovery techniques
applied to the system OOA and OOD models.
A. True
B. False
正确答案: A
2. The correctness of the OOA and OOD model is accomplished using formal technical reviews by
the software quality assurance team.
A. True
B. False
正确答案: B
3. The consistency of object-oriented models may be judged by reviewing the CRC card model.
A. True
B. False
正确答案: A
4. Test case design for OO software is driven by the algorithmic detail of the individual operations.
A. True
B. False
正确答案: A
5. Integration testing of object-oriented software can be accomplished by which of the following
testing strategies?
A. Cluster testing
B. Glass-box testing
C. Thread-based testing
D. Use-based testing
E. a, c, d
正确答案: E
6. Validation of object-oriented software focuses on user visible actions and outputs from the
system.
A. True
B. False
正确答案: A

7. Encapsulation of attributes and operations inside objects makes it easy to obtain object state

information during testing.

A. True B. False

- 8. Use-cases can provide useful input into the design of black-box and state-based tests of OO software.
 - A. True
 - B. False

正确答案: A

- 9. Fault-based testing is best reserved for
 - A. conventional software testing
 - B. operations and classes that are critical or suspect
 - C. use-case validation
 - D. white-box testing of operator algorithms

正确答案: B

- 10. Scenario-based testing
 - A. concentrates on actor and software interaction
 - B. misses errors in specifications
 - C. misses errors in subsystem interactions
 - D. both a and b

正确答案: A

- 11. Random order tests are conducted to exercise different class instance life histories.
 - A. True
 - B. False

正确答案: A

- 12. Which of these techniques is not useful for partition testing at the class level
 - A. attribute-based partitioning
 - B. category-based partitioning
 - C. equivalence class partitioning
 - D. state-based partitioning

正确答案: C

- 13. Multiple class testing is too complex to be tested using random test cases.
 - A. True
 - B. False

正确答案: B

- 14. The state model can be used to derive test cases based on the dynamic behavior of an object-oriented system.
 - A. True
 - B. False

正确答案: A

第 25 章试题

1. Which of the following is not one of the dimensions of quality used to assess a WebApp? A. Content B. Maintainability C. Navigability D. Usability 正确答案: B
2. WebApps require special testing methodologies because WebApp errors have several unique characteristics. A. True B. False 正确答案: A
3. Since WebnApps evolve continuously, the testing process is an on-going activity, conducted by the Web support staff using regression tests. A. True B. False 正确答案: A
4. Test planning is not used in WebApp testing. A. True B. False 正确答案: B
5. As the WebApp architecture is constructed which types of testing are used as integration tests? A. Component testing B. Content testing C. Navigation testing D. Usability testing E. both a and c 正确答案: E
6. Which of the following is not one of the objectives of WebApp content testing? A. Find organizational or structure errors B. Identify linking errors C. Uncover semantic errors D. Uncover syntactic errors 正确答案: B

7. Database testing is very rarely a part of WebApp content testing.

A. True	
B. False	
正确答案:	В
8. The over	all strategy for interface testing is to uncover errors
A. in nav	igation semantics
B. in ove	rall usabililty
C. relate	d to specific interface mechanisms
D. both a	and c
正确答案:	D
9. Which o	the following is not a WebApp interface mechanism?
A. Brows	er
B. Cooki	es
C. Forms	
D. Links	
正确答案:	C
10. When t	esting WebApp interface semantics, each use-case is used as input for the design of a
testing seq	uence.
A. True	
B. False	
正确答案:	A
11. Usabilit	y tests should be designed and executed by intended users for a given WebApp.
A. True	
B. False	
正确答案:	В
12. WebAp	p compatibility testing is conducted to be sure that the user model for usage scenario
matched th	e user category assigned to a given user.
A. True	
B. False	
正确答案:	В
13. Which	est case design technique(s) are appropriate for WebApp component-level testing?
A. Bound	lary value analysis
	llence partitioning
B. Equiva	esting
B. Equiva C. Path t	•
C. Path t	the above

A. True	
B. False	
正确答案: B	
15. Both We	b engineers and non-technical users conduct navigation semantics testing for
WebApps.	
A. True	
B. False	
正确答案: A	
16. Which of	following is not one of the elements that need to be considered when constructing
WebApp serve	er-side configuration tests?
A. Browser	compatibility
B. Database	e software integration
C. Operatin	g system compatibility
D. System s	ecurity measures
正确答案: A	
17. To design	client-side configuration tests each user category is assessed to reduce the number
of configuration	on variables to a manageable number.
A. True	
B. False	
正确答案: A	
18. Which of t	the following is not a testable WebApp security element?
A. Authenti	cation
B. Encryption	on
C. Firewalls	
D. Penetrat	ion
正确答案: D	
19. WebApp p	performance tests are designed to
A. asses We	ebApp usability
B. evaluate	page loading times
C. simulate	real-world loading situations
D. test netv	vork connectivity
正确答案: C	
20. Load testii	ng involves determining the input of which 3 variables?
A. N, T, D	
B. N, T, P	
C. T, D, P	
D. N, D, P	
正确答案: A	

21. WebApp stress testing is a continuation load testing. A. True B. False 正确答案: A
第 29 章试题
1. Which of these are valid software configuration items? A. case tools B. documentation C. executable programs D. test data E. All of the above. 正确答案: E
2. Which of the following is not considered one of the four important elements that should exist when a configuration management system is developed? A. component elements B. human elements C. process elements D. validation elements 正确答案: D
3. Once a software engineering work product becomes a baseline it cannot be changed again. A. True B. False 正确答案: B
4. Which configuration objects would not typically be found in the project database? A. design specification B. marketing data C. organizational structure description D. test plans E. b and c 正确答案: E
5. Modern software engineering practices usually attempt to maintain SCI's in a project database or repository.

正确答案: A
6. A data repository meta model is used to determine how A. information is stored in the repository B. well data integrity can be maintained C. easily the existing model can be extended D. all of the above 正确答案: D
7. Many data repository requirements are the same as those for a typical database application. A. True B. False 正确答案:A
8. The ability to track relationships and changes to configuration objects is one of the most important features of the SCM repository. A. True B. False 正确答案: A
9. Which of the following tasks is not part of software configuration management? A. change control B. reporting C. statistical quality control D. version control 正确答案: C
10. A basic configuration object is a created by a software engineer during some phase of the software development process. A. program data structure B. hardware driver C. unit of information D. all of the above 正确答案: C
11. Version control systems establish a change set as part of their primary functionality. A. True B. False 正确答案: B
12. Change control is not necessary if a development group is making use of an automated project database tool.

A. True B. False

13. When so	oftware configuration management is a formal activity the software configuration a
is conducted	
	pment team
B. quality	assurance group
C. senior	managers
D. testing	specialists
正确答案:	В
14. The prin	nary purpose of configuration status reporting is to
A. allow r	evision of project schedule and cost estimates by project managers
B. evalua	te the performance of software developers and organizations
C. make s	ure that change information is communicated to all affected parties
D. none o	f the above
正确答案:	C
15. Configu	ration issues that need to be considered when developing Web and Mobile A
include:	
A. conten	t
B. cost	
C. people	
D. politics	;
E. a, b, c	
正确答案:	E
	nd Mobile App configuration objects can be managed in much the same wand software configuration objects except for: t items
B. functio	onal items
C. graphi	items
D. user it	ems
正确答案:	A
17. Content	management establishes a process by which Web content is rendered on the us
	en.
display scre	
display scre	

A. True

B. False 正确答案: A

19. One reason that version control is difficult for WebApps is that in an uncontrolled environment, you can have multiple authors making changes to the same files from multiple locations without any realizing it.

A. True
B. False
正确答案: A

20. Requiring developers to check Web configuration items in and out and sending affected stakeholders e-mail messages automatically are good ways to deal with configuration auditing and reporting for WebApps.

A. True

B. False

正确答案: A

第34章试题

1. Software projects are inevitably late and there is nothing that can explain why.

A. True

B. False

正确答案: B

2. It is unethical to undertake a project that you know in advance cannot be completed by the customer's deadline, unless you inform the customer of the risk and establish a project plan that can deliver the needed system incrementally.

A. True

B. False

正确答案: A

3. Which of the following is not one of the guiding principles of software project scheduling:

A. compartmentalization

B. market assessment

C. time allocation

D. effort validation

- 4. Doubling the size of your software project team is guaranteed to cut project completion time in half.
- A. True
- B. False

正确答案: B

- 5. The software equation can be used to show that by extending the project deadline slightly
- A. fewer people are required
- B. you are guaranteed to meet the deadline
- C. more lines of code can be produced
- D. none of the above

正确答案: A

- 6. The 40-20-40 rule suggests that the least of amount of development effort be spent on
- A. estimation and planning
- B. analysis and design
- C. coding
- D. testing

正确答案: C

- 7. A task set is a collection of
- A. engineering work tasks, milestones, deliverables
- B. task assignments, cost estimates, metrics
- C. milestones, deliverables, metrics
- D. responsibilities, milestones, documents

正确答案: A

- 8. The task (activity) network is a useful mechanism for
- A. computing the overall effort estimate
- B. detecting intertask dependencies
- C. determining the critical path
- D. specifying the task set to the customer
- E. b and c

正确答案: E

9. Tasks that lie on the critical path in a task network may be completed in any order as long as the project is on schedule.A. TrueB. False
正确答案: B
10. Two tools for computing critical path and project completion times from activity networks are A. CPM B. DRE C. FP D. PERT E. a and d
正确答案: E
11. Timeline charts assist project managers in determining what tasks will be conducted at a given point in time.A. TrueB. False
正确答案: A
12. The best indicator of progress on a software project is the completion A. of a defined engineering activity task B. of a successful budget review meeting on time C. and successful review of a defined software work product D. and successful acceptance of project prototype by the customer
正确答案: C

13. Since iterative process model work best for object-oriented projects it is impossible to

determine whether an increment will be completed on time or not.

A. True B. False

正确答案: C

14. WebApp projects only require the creation of a macro schedule.A. TrueB. False
正确答案: B
 15. The purpose of earned value analysis is to A. determine how to compensate developers based on their productivity B. provide a quantitative means of assessing software project progress C. provide a qualitative means of assessing software project progress D. set the price point for a software product based on development effort
正确答案: B
16. Earned value analysis is a technique that allows managers to take corrective action before a project crisis develops.A. TrueB. False
正确答案: A
第 35 章试题
 Proactive risk management is sometimes described as fire fighting. True False
正确答案: B
 2. Software risk always involves two characteristics A. fire fighting and crisis management B. known and unknown risks C. uncertainty and loss D. staffing and budget

- 3. Three categories of risks are
- A. business risks, personnel risks, budget risks
- B. project risks, technical risks, business risks
- C. planning risks, technical risks, personnel risks
- D. management risks, technical risks, design risks

- 4. Generic risks require far more attention than product-specific risks.
- A. True
- B. False

正确答案: B

- 5. A risk item checklist would contain known and predictable risks from which of these categories?
- A. product size
- B. development environment
- C. staff size
- D. process definition
- E. all of the above

正确答案: E

- 6. Questions that should be asked to assess the overall project risk include:
- A. Have top managers formally committed to support the project?
- B. Are end-users committed to the project and proposed system being built?
- C. Are requirement fully understood by development team and customers?
- D. Does the proposed budget have time allocated for marketing?
- E. a, b, c

正确答案: E

- 7. Software risk impact assessment should focus on consequences affecting
- A. planning, resources, cost, schedule
- B. marketability, cost, personnel
- C. business, technology, process
- D. performance, support, cost, schedule

正确答案: D

	k projection attempts to rate each risk in two ways elihood and cost
	elihood and impact
	elihood and consequences
D. IIK	elihood and exposure
正确	答案: C
9. Ris	sk tables are sorted by
A. pro	obability and cost
B. pro	obability and impact
C. pro	obability and consequences
D. pro	obability and exposure
正确	答案: B
10. Ir	ndividual team members can make their own estimate for a risk probability and then dev
a con	sensus value.
A. Tru	
B. Fal	lse
正确	答案: A
11. V	Which factors affect the probable consequences likely if a risk does occur?
A. ris	k cost
B. ris	k timing
C. ris	k scope
D. ris	k resources
E.ba	and c
正确	答案: E
12. T A. Tru B. Fal	
正确	答案: B
止'姍	行 未: D

13. Effective risk management plan needs to address which of these issues?A. risk avoidanceB. risk monitoringC. contingency planningD. all of the above
正确答案: D
14. Risk monitoring involves watching the risk indicators defined for the project and not determining the effectiveness of the risk mitigation steps themselves. A. True B. False
正确答案: B
15. Hazard analysis focuses on the identification and assessment of potential hazards that can cause A. project termination B. schedule slippage C. cost overruns D. an entire system to fail
正确答案: D
16. Risk information sheets (RIS) are never an acceptable substitute for a full risk mitigation, monitoring, and management (RMMM) plan. A. True B. False
正确答案: B
第 36 章试题
 How much effort is typically expended by a software organization on software maintenance? 20 percent 40 percent 60 percent 80 percent
正确答案: C

A. True	
B. False	
正确答案:	В
3. Business į	process reengineering is often accompanied by software reengineering.
A. True	
B. False	
正确答案:	A
4. Which of	the following is not an example of a business process?
A. designing	a new product
B. hiring an	employee
C. purchasin	g services
D. testing so	ftware
正确答案:	D
5. Business إ	process reengineering does not have a start or end, it is an evolutionary process.
A. True	
B. False	
正确答案:	A
6. Which of	the following activities is not part of the software reengineering process model?
A. forward e	
B. inventory	analysis
C. prototypi	ng
D. reverse e	ngineering
正确答案:	C
	reengineering process model includes restructuring activities for which of the following
work items?	
A. code B. documen	

C. data
D. all of the above
正确答案: D
8. Which of the following is not an issue to consider when reverse engineering?
A. abstraction level
B. completeness
C. connectivity
D. directionality
,
正确答案: C
9. Reverse engineering of data focuses on
A. database structures
B. internal data structures
C. both a and b
D. none of the above
工格放安 6
正确答案: C
10. The first reverse engineering activity involves seeking to understand
A. data
B. processing
C. user interfaces
D. none of the above
正确答案: B
11. Reverse engineering should proceed the reengineering of any user interface.
A. True
B. False
正确答案: A
12. Which of those honofits can be achieved when a fiture is restrictive 12.
12. Which of these benefits can be achieved when software is restructured?
A. higher quality programs
B. reduced maintenance effort

C. software easier to test

D. all of the above	
正确答案: D	
13. Code restructuring is a good example of software reengineering.	
A. True	
B. False	
正确答案: B	
14. Which of these is not an example of data restructuring?	
A. data analysis	
B. data name rationalization	
C. data record standardization	
D. none of the above	
正确答案: A	
15. Forward engineering is not necessary if an existing software product is producing the cooutput. A. True B. False	orred
正确答案: B	
16. Reengineering client/server systems begins with a thorough analysis of the bus environment that encompasses the existing computing system. A. True B. False	sines
正确答案: A	
17. The only time reengineering enters into work with a legacy system is when it component be implemented as objects. A. True	ts w
B. False	
正确答案: B	

- 18. The cost benefits derived from reengineering are realized largely due to decreased maintenance and support costs for the new software product.
- A. True
- B. False

正确答案: A