CIS 201 Chapter 2 Review Test

True/False
Indicate whether the statement is true or false.

1. (1 point) Textual models are used to represent precise aspects of the system that can be best represented by using formulas.

2. (1 point) A key reason that modeling is important in system development is the complexity of describing information systems.

3. (1 point) Before gathering detailed information, the analyst identifies every type of stakeholder.

4. (1 point) In the RMO CSMS project, customers are not considered stakeholders because it is not feasible to interview them or use them in the project activities.

5. (1 point) Core Process 3 involves defining in great detail what the information system needs to accomplish in order to provide the organization with the desired benefits.

6. (1 point) A fact finding user interview can usually be completed in one comprehensive session.

7. (1 point) The first and most important step in preparing for an interview is to determine who should be involved.

8. (1 point) Asking about error conditions usually is done in later interviews after the analyst understands and documents the basic processing requirements.

9. (1 point) When observing business processes, it is not necessary to observe all the processes at the same level of detail.

10. (1 point) The term “I’ll know it when I see it” applies to one valid way to get requirements definition.

Multiple Choice
Identify the choice that best completes the statement or answers the question.

11. (1 point) Application architecture is used to refer to
   a. the organization and configuration of all software solutions into information systems
   b. the application of the information system to solve business problems
   c. the architectural structure of the subsystems within a software application
   d. the relationship between software applications and the areas of the organization that they support

12. (1 point) Which of the following items is NOT a part of the application architecture?
   a. software
   b. programming languages and development tools
   c. user-interface technology
   d. virtual private networks

13. (1 point) ________ requirements are characteristics of the system other than the business procedures it must support.
   a. System
b. Physical  
c. Nonfunctional  
d. Implementation  

14. (1 point) _______ requirements are most often documented in graphical and textual models.  
a. Security  
b. Nonfunctional  
c. Technical  
d. Functional  

15. (1 point) A representation of some aspect of the system being built is a _______.  
a. requirement  
b. technique  
c. model  
d. user interface  

16. (1 point) What does the Acronym UML stand for?  
a. User Modification Language  
b. Unified Modeling Language  
c. User Mode Listings  
d. Unix Modeling Language  

17. (1 point) What do we call the person or group who provides funding for the development of the new system?  
a. Oversight committee  
b. Client  
c. Board of directors  
d. Department head  

18. (1 point) The group that provides direction for the configuration of the new system in the existing computing environment are called _______.  
a. Technical stakeholders  
b. Support staff  
c. System programmers  
d. Operational stakeholders  

19. (1 point) Questionnaires can be useful in information gathering when users ______.  
a. are widely distributed geographically  
b. need prompting to respond to questions  
c. are not well-informed  
d. do not have time for interviews  

20. (1 point) Questionnaires can be used to ask questions that _______.  
a. determine user opinions  
b. determine the stakeholders  
c. define system functions  
d. detail user procedures  

21. (1 point) The strength of closed-ended questions is that they ______.  
a. invite discussion and elaboration  
b. limit answers to a set of choices  
c. speed up the interview process  
d. are easier for the users to answer
22. (1 point) The most important step in preparing for an interview is to _______.
   a. determine the correct users
   b. build a list of questions
   c. establish an objective
   d. determine the project team members

23. (1 point) _______ is an important part of the follow-up after an interview.
   a. Establishing documentation guidelines
   b. Building models
   c. Making copies of everyone’s notes
   d. Setting the time for the next meeting

24. (1 point) One of the dangers in researching vendor solutions is that users and analysts _______.
   a. may discover and desire too many unimportant “bells and whistles”
   b. may not understand the vendor solution
   c. may discover different methods to perform business processes
   d. may want to buy one of these solutions prematurely

25. (1 point) Looping in an activity diagram is best represented using what?
   a. synchronization bars
   b. decision points
   c. activity ovals
   d. lines with arrowheads