CIS 201 Chapter 3 Review Test

True/False

Indicate whether the statement is true or false.

1 (1 points) The CRUD technique is often used to validate and enhance the list of use cases.
   a. True
   b. False

2 (1 points) During the interviews in the user goal technique, the analyst should not try to influence the users in discussing their work methods.
   a. True
   b. False

3 (1 points) Before using the user goal technique the analyst must first identify and classify all the types of system users.
   a. True
   b. False

4 (1 points) The event decomposition technique begins by identifying use cases.
   a. True
   b. False

5 (1 points) The end product of the event decomposition technique is a list of use cases at the right level of analysis.
   a. True
   b. False

6 (1 points) When describing an external event, there is no need to worry about the person or thing causing the event.
   a. True
   b. False

7 (1 points) When a customer buys an item of merchandise using his store credit account, a separate event is required to pay the store.
   a. True
   b. False

8 (1 points) During analysis the analyst should be sure to identify system control events such as the user logging in or out.
   a. True
   b. False

9 (1 points) The CRUD technique is most useful as a cross-check along with other techniques.
   a. True
   b. False

10 (1 points) When using the CRUD technique, data ownership by foreign systems is an important consideration.
    a. True
    b. False
11 (1 points) One way to determine whether an occurrence is an event or part of the interaction before or after an event is by asking if any long pauses or intervals occur.
   a. True
   b. False

12 (1 points) A state event is an event that occurs when something happens outside the system that triggers the need for processing.
   a. True
   b. False

13 (1 points) Each use case is used by only one actor.
   a. True
   b. False

**Multiple Choice**

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

14 (1 points) The even decomposition technique begins by identifying all of the ________.
   a. operational users
   b. system users
   c. business events
   d. internal events

15 (1 points) The user goal technique normally begins by identifying, listing, and classifying ________.
   a. the system users
   b. the business events
   c. the business processes
   d. the system stakeholders

16 (1 points) The source of using the concept of events to define functional requirements was first emphasized with ________ systems.
   a. business
   b. operating
   c. real-time
   d. batch

17 (1 points) Which of the following is an example of a state event?
   a. A customer places an order
   b. It is time to send a late notice
   c. Management checks order status
   d. Inventory reorder point is reached

18 (1 points) In using the event decomposition technique, which of the following is NOT a type of event that is considered?
   a. Event initiated by an external agent
   b. Event initiated by a point in time
   c. Event initiated by a system change
   d. Event initiated by a user login
19 (1 points) An important step in using the CRUD technique is to _______.
   a. identify the system controls
   b. identify the external agents
   c. identify the business events
   d. identify the data entities

20 (1 points) The system’s reaction to an event is called a(n) _______.
   a. system process
   b. use case
   c. activity
   d. system requirement

21 (1 points) The boundary between the automated portion of the system and the users of the system is called the _______.
   a. software boundary
   b. application boundary
   c. system boundary
   d. automation boundary

22 (1 points) In UML notation, the guillemets character is used to show what kind of notation?
   a. classes
   b. subordinates
   c. relationships
   d. stereotypes

23 (1 points) In UML notation the includes relationship connects two use cases. The use case that is “included” use case is the one which _______.
   a. is connected to the tail of an arrow
   b. is connected to the head of an arrow
   c. cannot be determined
   d. is not connected to an actor

24 (1 points) The technique used to identify use cases based on external, temporal, and state events is the _______.
   a. user goals technique
   b. list of nouns technique
   c. event decomposition technique
   d. CRUD technique

25 (1 points) The level of analysis to use when identifying user goals is the _______.
   a. external event level
   b. elementary business process level
   c. temporal event level
   d. elementary activity level