CIS 201 Online Chapter A Review Test

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

1 (1 point) The systems analyst's work is described as problem solving for an organization.
   a. True
   b. False

2 (1 point) When deciding which information system solution to recommend the analyst should recommend the one with the fewest risks and the most benefits.
   a. True
   b. False

3 (1 point) The components of an information system are the computer hardware, the computer software and the data.
   a. True
   b. False

4 (1 point) Since business problems tend to be similar, systems analysts seldom focus on a specific business industry.
   a. True
   b. False

5 (1 point) Today the nature and types of jobs for information system graduates is more varied than ever before.
   a. True
   b. False

6 (1 point) The primary skill required of a good systems analyst is to be able to program effectively and efficiently.
   a. True
   b. False

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

7 (1 point) The term “____” refers to a business professional who uses analysis and design techniques to solve business problems using information technology.
   a. database manager
   b. computer programmer
   c. systems analyst
   d. business analyst

8 (1 point) The most important role of a systems analyst in business is ____.
   a. technical understanding of information systems
   b. problem solving
   c. knowing what data needs to be stored and used
   d. special programming skills
9. (1 point) _____ refers to the division of a system into processes or subsystems.
   a. System design
   b. Data management
   c. Programming
   d. Functional Decomposition

10. (1 point) An automation boundary is best described as the separation between the _____.
    a. system and its environment
    b. automated part of a system and the manual part of a system
    c. manual part of a system and its environment
    d. automated part of a system and its environment

11. (1 point) Which of the following is the analyst’s approach to problem solving?
    a. Verify that the benefits of solving the problem outweigh the costs, then research and understand the problem.
    b. Develop a set of possible solutions, then verify that the benefits of solving the problem outweigh the costs.
    c. Verify that the benefits of solving the problem outweigh the costs, then define the requirements for solving the problem.
    d. Define the details of the chosen solution, then implement it.

12. (1 point) Such things as how to do project planning, or how to do cost/benefit analysis, or how to conduct an interview is called ______.
    a. techniques
    b. strategies
    c. methodologies
    d. a knowledge base

13. (1 point) Understanding the way an organization performs its procedures is what kind of skill area?
    a. Technical skills
    b. Business skills
    c. Organizational skills
    d. People skills

14. (1 point) After investing resources in thoroughly understanding the business problem, the analyst decides that the costs of solving the problem will likely outweigh the benefits. The analyst should ____.
    a. move to the design activities
    b. invest more in the project to increase the benefits
    c. resolve feasibility issues
    d. suggest that the project be discontinued

15. (1 point) Which of the following is NOT a defined area of knowledge that is required of systems analysts?
    a. Problem solving knowledge
    b. Technical knowledge
    c. Business knowledge
    d. People knowledge