System Planning

Introduction to Systems

1. Name another system, not already listed, and describe how it applies the three stages.

2. A personal computer is also a system. How does it apply the three stages?

Systems Planning

1.1.1 Identify the context for which a new system is planned

3. What are some of the things that must be considered when planning a new system?

1.1.2 Describe the need for change management

4. What is change management?

5. Why is change management an integral part of system development?

1.1.3 Outline compatibility issues resulting from situations including legacy systems or business mergers

6. What is a legacy system?

7. Describe some of the issues system designers must consider when dealing with legacy systems?

8. Describe some of the issues system designers must consider when dealing with a merger?

1.1.4 Compare the implementation of systems using a client's hardware with hosting systems remotely

9. More and more companies are turning to cloud computing for their computer processing needs. What are some of the advantages of this type of system implementation? What are some of the disadvantages?

10. List three benefits of SaaS?

1.1.5 Evaluate alternative installation processes

11. List one benefit and one drawback for each of the four system installation methods.

1.1.6 Discuss problems that may arise as a part of data migration

12. Define data migration.

13. Describe each of the four common data migration problems.

1.1.7 Suggest various types of testing.

14. What is the purpose of system testing?

15. List four types of system testing?

16. What is beta testing?

User Focus

1.1.8 Describe the importance of user documentation.

17. Describe the importance of user documentation.

18. Which type of user documentation do you think is the most effective and why? Which one is the least effective and why?

19. Which type of training method do you think is the most effective and why? Which one is the least effective and why?

System Backup

20. List four causes of data loss?

21. Outline some of the consequences of data loss in a school's computer system.

22. Describe a range of methods that can be used to prevent data loss.

Software Deployment

23. Describe strategies for managing releases and updates.