1. A main advantage of enterprise resource planning is that it describes a specific hardware and software environment, also called a(n) \_\_\_\_\_, that ensures connectivity and easy integration of future systems.

a. platform  
b. application

1. access point
2. portal

Analysis:

a. Correct.

b. Incorrect. See [Page 406]

c. Incorrect. See [Page 406]

d. Incorrect. See [Page 406]

1. The three main functions of a business information system are the management of applications that perform the processing logic, the handling of data storage and access, and the provision of a(n) \_\_\_\_\_ that allows users to interact with the system.

a. hub  
b. switch

1. gateway
2. interface

Analysis:

a. Incorrect. See [Page 411]

b. Incorrect. See [Page 411]

c. Incorrect. See [Page 411]

d. Correct.

1. Three-tier forms of client/server designs are also referred to as \_\_\_\_\_ designs, to indicate that some designs use more than one immediate layer.
2. hierarchical
3. x-tier
4. n-tier
5. multi-tier

Analysis:

a. Incorrect. See [Page 415]

b. Incorrect. See [Page 415]

c. Correct.

d. Incorrect. See [Page 415]

1. By storing data in various locations, a(n) \_\_\_\_\_ database management system is less likely to experience a catastrophic failure.
2. access
3. distributed
4. thick
5. proxy

Analysis:

a. Incorrect. See [Page 417]

b. Correct.

c. Incorrect. See [Page 417]

d. Incorrect. See [Page 417]

1. \_\_\_\_\_ are Web-based repositories of information that have emerged as part of Web 2.0, which is the name for the powerful and compelling shift toward Internet-based collaboration.
2. Wireless access points
3. Wikis
4. Legacy systems
5. Star networks

Analysis:

a. Incorrect. See [Page 419]

b. Correct.

c. Incorrect. See [Page 419]

d. Incorrect. See [Page 419]

1. One benefit of a(n) \_\_\_\_\_ e-commerce strategy is the ability to maintain complete control over the organization of the site, the number of pages, and the size of the files.
2. in-house
3. offsite
4. remote
5. offline

Analysis:

a. Correct.

b. Incorrect. See [Page 420]

c. Incorrect. See [Page 420]

d. Incorrect. See [Page 420]

1. A(n) \_\_\_\_\_ is a device that broadcasts network traffic, called data frames, to all other connected devices.
2. hub
3. switch
4. server
5. client

Analysis:

a. Correct.

b. Incorrect. See [Page 427]

c. Incorrect. See [Page 427]

d. Incorrect. See [Page 427]

1. A(n) \_\_\_\_\_ server is a network device that provides Internet connectivity for internal LAN users.
2. application
3. portal
4. proxy
5. distributed

Analysis:

a. Incorrect. See [Page 429]

b. Incorrect. See [Page 429]

c. Correct.

d. Incorrect. See [Page 429]

1. The Institute of Electrical and Electronics Engineers is working on 802.16 standards, sometimes called WiMAX, which are broadband wireless communications protocols for \_\_\_\_\_ area network.
2. wireless local
3. local
4. wide
5. metropolitan

Analysis:

a. Incorrect. See [Page 432]

b. Incorrect. See [Page 432]

c. Incorrect. See [Page 432]

d. Correct.

1. The \_\_\_\_\_ section of the system design specification contains the complete design of the new system, including the user interface, outputs, inputs, files, databases, and network specifications.
2. Management Summary
3. Implement Requirements
4. System Environment
5. System Components

Analysis:

a. Incorrect. See [Page 433]

b. Incorrect. See [Page 433]

c. Incorrect. See [Page 433]

d. Correct.