

CHAPTER 9:

THE EVOLVING INTERNET

Multiple Choice:

1. What was the department of the U.S. government that developed the initial stages of the Internet?

1. Department of Commerce
2. Department of Defense
3. Department of the Military
4. Judicial Department

Answer: B **Reference:** ARPANET Pioneers Build an Unreliable Network **Difficulty:** Moderate

2. In what decade was ARPANET developed?

- A. 1950s
- B. 1960s
- C. 1970s
- D. 1980s

Answer: B **Reference:** ARPANET Pioneers Build an Unreliable Network **Difficulty:** Moderate

3. ARPANET was funded by:

- A. the U.S. government with federal taxpayers' dollars.
- B. IBM.
- C. Microsoft.
- D. a group of interested scientists.

Answer: A **Reference:** ARPANET Pioneers Build an Unreliable Network **Difficulty:** Easy

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4. The Internet is controlled by:

- A. the U.S. government.
- B. IBM, Intel, and Microsoft.
- C. no one in particular.
- D. the U.S. taxpayers.

Answer: C **Reference:** Inside the Internet

Difficulty: Easy

5. TCP/IP stands for:

- A. Transmission Control Protocol/Internet Protocol.
- B. Transmission Control Procedures/Internet Procedures.
- C. Translation Computing Procedures/International Protocols.
- D. Transaction Computing Printing/Internet Processing.

Answer: A **Reference:** Internet Protocols

Difficulty: Challenging

6. Every host computer on the Internet has a(n):

- A. similar IP address.
- B. unique 15-digit number.
- C. unique IP address.
- D. common name and number.

Answer: C **Reference:** Internet Protocols

Difficulty: Moderate

7. The system that translates an IP address into an easier to remember name is the:

- A. packet-switching domain system.
- B. domain name system.
- C. domain.
- D. domain numbering system.

Answer: B **Reference:** Internet Addresses

Difficulty: Moderate

8. A URL can specify the IP address of the Web _____ that houses a Web page.

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- A. server
- B. client
- C. page
- D. e-mail recipient

Answer: A **Reference:** Internet Addresses

Difficulty: Moderate

9. In the e-mail address bowles@sou.edu, “bowles” is the:

- A. password.
- B. server name.
- C. user name.
- D. client computer.

Answer: C **Reference:** Internet Addresses

Difficulty: Moderate

10. In the e-mail address bowles@sou.edu, “sou” is the:

- A. host computer in a business with the name “sou.”
- B. host computer in an educational domain.
- C. client computer in a commercial business.
- D. client computer in an educational domain.

Answer: B **Reference:** Internet Addresses

Difficulty: Easy

11. The three basic categories of connection to the Internet include all EXCEPT:

- A. direct connection.
- B. dial-up.
- C. broadband.
- D. direct satellite.

Answer: D **Reference:** Internet Access Options

Difficulty: Moderate

12. In a large organization LANs may be connected through a:

- A. direct satellite connection.
- B. dial-up connection.
- C. Broadband connection.
- D. backbone network.

Answer: D **Reference:** Direct Connections

Difficulty: Moderate

13. If you are at home and do not have a direct Internet connection, you will most likely connect through a:

- A. server.
- B. modem.
- C. black box processor.
- D. coaxial cable.

Answer: B **Reference:** Dial-up Connections

Difficulty: Moderate

14. Broadband connections include all of the following EXCEPT:

- A. cable modems.
- B. satellites.
- C. telephone modems.
- D. DSL.

Answer: C **Reference:** Broadband Connections

Difficulty: Moderate

15. DSL stands for:

- A. digital server lines.
- B. digital subscriber line.
- C. digits serviced per line.
- D. damaged service line.

Answer: B **Reference:** Broadband Connections

Difficulty: Easy

16. In a client/server model, a client program:

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- A. asks for information.
- B. provides information and files.
- C. serves software files to other computers.
- D. distributes data files to other computers.

Answer: A **Reference:** Internet Servers

Difficulty: Moderate

17. A university might have a(n) _____ to manage the mail of students, faculty, and staff.

- A. email server
- B. client server
- C. email and URL address
- D. bridge

Answer: A **Reference:** Internet Servers

Difficulty: Easy

18. FTP stands for:

- A. first transfer preference.
- B. file transactions and procedures.
- C. folder transfer and protocol.
- D. file transfer protocol.

Answer: D **Reference:** Internet Servers

Difficulty: Moderate

19. The World Wide Web was introduced in:

- A. the 1960s.
- B. the mid-1970s.
- C. 1991.
- D. 2000.

Answer: C **Reference:** Inside the Web

Difficulty: Moderate

20. The protocol used to transfer Web pages is:

- A. http.

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- B. ftp.
- C. url.
- D. the path.

Answer: A **Reference:** Web Protocols: HTTP and HTML

Difficulty: Moderate

21. A software robot that systematically searches the Web is a:

- A. search engine.
- B. Web rabbit.
- C. blog
- D. spider.

Answer: D **Reference:** Search Engines

Difficulty: Easy