
Tutorial 12: The Internet and Multimedia

Part 1: Key Term Quiz

1. Many web sites include pages that have answers to common inquiries. These pages are known as _____.
2. A cluster of computers tied together to share files and communications is a(n) _____.
3. The set of four numbers separated by periods that points to a domain is a(n) _____.
4. How much data, expressed in bits per second (bps), you can send from one computer to another in a given amount of time is called _____.
5. Each Internet service is implemented on an Internet server by dedicated software known as a(n) _____.
6. HTML formatting elements in HTML-encoded pages are called _____.
7. Bits of Java programming code used to extend and customize a browser's basic HTML capabilities are called _____.
8. The applications that run on a user's personal computer and provide the interactive graphical interface for viewing web pages are called _____.
9. Web page editors that visually show how a page looks as you are editing are often called _____ editors.
10. Media that is played as it is being received is said to be _____.

Part 2: Multiple-Choice Quiz

1. DNS stands for:
 - a. Distributed Numbering System
 - b. Device Nomenclature System
 - c. Data Networking System
 - d. Domain Name System
 - e. Digital Neighborhood System
2. The levels of a domain name are separated by:
 - a. a period
 - b. the @ symbol
 - c. forward slashes
 - d. hyphens
 - e. spaces
3. Which of these is not a top-level domain?
 - a. com
 - b. edu
 - c. gov
 - d. mil
 - e. cis
 - f. home.html

4. Which of the following is a valid IP address?
 - a. 192.168.1.1
 - b. www.apple.com
 - c. activa@midcoast.com
 - d. http://www.pages.net/index.html
 - e. 12 Dreamcatcher Way, Hope, ME 04847
5. When a stream of data is sent over the Internet by your computer, it is first broken down into packets by the:
 - a. Transmission Control Protocol
 - b. Internet Protocol
 - c. Post Office Protocol
 - d. Simple Mail Transfer Protocol
 - e. File Transfer Protocol
6. Perhaps the most widely installed HTTP software for managing web pages is the opensource application called:
 - a. Apache
 - b. Daemon
 - c. ISP
 - d. Acrobat
 - e. Unix
7. Web pages are written in:
 - a. MPEG
 - b. HTML
 - c. QuickTime
 - d. TCP/IP
 - e. MIME
8. One of the greatest benefits of XML is that:
 - a. it allows you to create animated rollovers
 - b. it compresses audio and video files, allowing larger files to be sent
 - c. it connects local area networks with wide area networks
 - d. it allows you to create your own tags for data
 - e. it encapsulates data into packets for more reliable transmission
9. An IP address can be exchanged with a(n):
 - a. MIME-type
 - b. Point-to-Point Protocol
 - c. domain name
 - d. e-mail address
 - e. usenet group
10. HTTP stands for:
 - a. High-Technology Transmission Protocol
 - b. Help Text Translation Protocol
 - c. Hypertext Transfer Protocol
 - d. Hardware Testing Tool Protocol

- e. How To Talk Protocol
- 11. The two most popular browsers in terms of number of users are Firefox and:
 - a. Acrobat
 - b. JavaScript
 - c. Shockwave
 - d. Internet Explorer
 - e. Yahoo!
- 12. Helper applications run:
 - a. on the client computer outside the browser
 - b. on the client computer within the browser
 - c. on the host computer outside the server
 - d. on the host computer within the server
 - e. on external devices such as an MP3 player or PDA
- 13. One criticism of visual page editors is that they:
 - a. encrypt the code, making later editing impossible
 - b. do not support features such as underlining and bold text
 - c. use nonstandard HTML tags
 - d. generate extremely complicated HTML code
 - e. require the use of plug-ins
- 14. Which of these tags would most likely be used in HTML to view a multimedia element on the Web?
 - a. <BLOCKQUOTE>
 - b. <OBJECT>
 - c. <OPEN>
 - d. <MM>
 - e. <FLASH>
- 15. Which audio file type's sound quality is dependent on the client's computer setup?
 - a. AIF
 - b. AU
 - c. MIDI
 - d. Shockwave
 - e. WAV

Part 3: Final Project Discussion