Computers are your future

Chapter 6

The Internet & the World Wide Web

# Answers to End-of-Chapter Questions

## Matching

\_\_**d**\_\_\_1. e-commerce “E-Commerce”

\_\_**h**\_\_\_2. aggregator “Using Search Engines”

\_\_**e**\_\_\_3. Boolean search “Using Search Techniques”

\_\_**f\_**\_\_4. dead link “The Hypertext Concept”

\_\_**k**\_\_\_5. netiquette “Usenet: Joining Online Discussions”

\_\_**m**\_\_\_6. exclusion operator “Using Search Techniques”

\_\_**a**\_\_\_7. spam “E-mail: Staying in Touch”

\_\_**b**\_\_\_8. truncation “Using Search Techniques”

\_\_**o**\_\_\_9. Domain Name System “Web Addresses”

\_\_**n**\_\_\_10. spider “Finding Information on the Web”

\_\_**g**\_\_\_11. link rot “Finding Information on the Web”

\_\_**i**\_\_\_12. thread “Usenet: Joining Online Discussions”

\_\_**l**\_\_\_13. clickstream “Using Search Engines”

\_\_**j**\_\_\_14. interoperability “Interoperability”

\_\_**c**\_\_\_15. blog “Sharing Information Fast: Wikis, Blogs, and Podcasts”

**Multiple Choice**

1. Which of the following is an example of a wildcard in a search?

a. (

b. +

**c. \*** “Using Search Techniques”

d. @

2. Which of the following is an example of a top-level domain?

a. asp

b. hub

c. corp

**d. gov** “Web Addresses”

3. Which actions can be used as a tool to decrease spam?

a. enable graphics

b. reply to all spam messages; the sender will get tired and stop

**c. avoid posting your e-mail** “E-Mail: Staying in Touch”

d. remove your postings from a social network

4. What is the name given to nonphysical space accessible through a network of computers?

a. chat room

b. URL

c. XHTML

**d. cyberspace** “How the Internet Works”

5. What is the name of the next generation of the Web that provides increased opportunities for collaboration?

a. URL

**b. Web 2.0** “The Hypertext Concept”

c. HyperWeb

d. Usenet

6. What is the term for an organization or institution that makes Web sites available?

a. Usenet

**b. host** “Web Addresses”

c. newsgroup

d. protocol

7. Which of the following is the term for transferring files from your computer to another computer?

a. downloading

b. flaming

c. blogging

**d. uploading** “Browsing the Web”

8. Which of the following is NOT part of the process to create an online business?

a. create and register a domain name

b. create a default or index page

**c. purchase display shelves** “The Dot-Com Phenomenon”

d. find a host for your Web site

9. What is the name of the opening page of a Web site?

a. main page

**b. index page** “The Internet and the Web: What’s the Difference?”

c. host page

d. target page

10. Which of the following automatically broadcasts messages to subscribers?

a. instant messenger service

b. wiki

c. newsgroup

**d. electronic mailing list** “Electronic Mailing Lists”

**Fill-In**

1. \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ is the Internet standard that supports the exchange of information on the Web.

**Hypertext Transfer Protocol** “Web Addresses”

2. A \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ alerts a sender that a message has been opened.

**Web beacon** “E-mail: Staying in Touch”

3. A Web-based retailer is called a(n) \_\_\_\_\_\_\_\_\_\_\_\_.

**e-tailer**  “E-Commerce”

4. A URL consists of a protocol, \_\_\_\_\_ \_\_\_\_\_, path, and resource name.

**domain name** “Web Addresses”

5. Domain names must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in order to link the name to its numeric IP address.

**registered** “Web Addresses”

6.\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ is the online exchange or trade of goods, services, or information between two businesses.

**Business-to-business e-commerce** “Business-to-Business E-Commerce (B2B)”

7. A(n) \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ provides individuals and businesses with access to the Internet via phone, DSL, cable, satellite, or fiber-optic lines for a fee.

**Internet service provider** “Internet Service Providers and Online Services”

8.\_\_\_\_\_\_\_\_\_\_ is the action of transferring a file from another computer to your computer by means of a computer network.

**Downloading** “Browsing the Web”

9.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the use of e-mail, instant messaging, chat rooms, pagers, cell phones, or other forms of information technology to make repeated, credible threats of violence against another individual.

**Cyberstalking** “Protecting Children in Cyberspace”

10. A \_\_\_\_\_\_\_\_\_ network site allows the user to create a profile and invite friends to join.

**social** “Social Networking: Helping People Connect”

11. Surrounding a series of search terms with quotation marks is known as \_\_\_\_\_\_ \_\_\_\_\_\_.

**phrase searching** “Using Search Techniques”

12. Every computer, server, or device connected to the Internet has a numeric address known as a(n) \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_, which uniquely identifies it to the network.

**Internet Protocol address (IP address)** “Web Addresses”

13. A(n) \_\_\_\_\_\_\_ \_\_\_\_\_\_ displays Web pages and enables users to access linked documents.

**Web browser** “The Internet and the Web: What’s the Difference?”

14.\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ is the of "out-of-datedness" that occurs in a search because of the amount of time it takes for spiders to accumulate data from the Web.

**Link rot** “Finding Information on the Web”

15.\_\_\_\_\_\_\_\_\_\_\_\_\_\_occurs when one child targets another for some form of torment or abuse using digital tools.

**Cyberbullying**  “Protecting Children in Cyberspace”

**Short Answer**

1. List three or four of the responsibilities of an Internet service provider.

**ISPs have several roles and responsibilities. They are responsible for providing and maintaining a connection to the Internet. ISPs must also support the hardware and software necessary to service that connection. They need to protect their site and network from external threats such as viruses, hacker attacks, and other illegal activities. Finally, they should provide 24-hour customer service and technical support.**

1. State five rules for critically evaluating Web pages.

**Rules for critically evaluating Web pages are:**

* **Who is the author of this page? Is the author affiliated with a recognized institution, such as a university or a well-known company? Is there any evidence that the author is qualified with respect to this topic? A page that isn’t signed may signal an attempt to disguise the author’s lack of qualifications.**
* **Does the author cite his or her sources? If so, do they appear to be from recognized and respected publications?**
* **Who provides the server for publishing this Web page? Who pays for this page?**
* **Does the presentation seem balanced and objective, or is it one sided?**
* **Is the language objective and dispassionate, or is it strident and argumentative?**
* **What is the purpose of the Web page? Is the author trying to sell something or promote a biased idea? Who would profit if the page’s information was accepted as true? Does the site include links to external information, or does it reference only itself?**
* **Does the information appear to be accurate? Is the page free of sweeping generalizations or other signs of shoddy thinking? Do you see many misspellings or grammatical errors that would indicate a poor educational background?**
* **Is the page up to date? When was it last updated?**
1. State the three ways to access a Web page.

**Three ways to access a Web page:**

1. **Type a URL in the Address bar.**

**You don’t need to type *http://*. Watch for spelling errors, and don’t insert spaces. A common mistake is typing a comma instead of a period to separate the components of a URL.**

1. **Click a tab in the browser window.**

**Both major browsers offer tabbed browsing, which enables a user to switch quickly between Web sites. You can customize your home page by adding tabs for sites that you frequently access.**

1. **Click a hyperlink.**

**Hyperlinks are usually underlined, but sometimes they’re embedded in graphics or highlighted in other ways, such as with shading or colors. To tell whether a given portion of a Web page contains a hyperlink, position your mouse pointer over it and watch for a change in the pointer’s shape. Most browsers indicate the presence of a hyperlink by changing the on-screen pointer to a hand shape.**

1. What are the four parts of a Uniform Resource Locator (URL)?

**A complete URL has four parts: protocol, domain name, path, and resource name.**

1. Explain the difference between a wiki, a blog, and a podcast.

**A wiki is a simple Web page on which any visitor can post text or images, read previous posts, change posted information, and track earlier changes. A blog is the Internet equivalent of a journal or diary.**

**Bloggers post their thoughts and opinions, along with photos and links to interesting Web sites, for the entire world to see.**

**Podcasts have evolved from containing just sound to including any kind of audio as well as images and video. Podcast files are released periodically by means of Web syndication, a delivery method that makes use of podcatchers (applications such as** [**Apple Inc.**](http://en.wikipedia.org/wiki/Apple_Inc.)**'s** [**iTunes**](http://en.wikipedia.org/wiki/ITunes) **or** [**Nullsoft**](http://en.wikipedia.org/wiki/Nullsoft)**'s** [**Winamp**](http://en.wikipedia.org/wiki/Winamp)**), which can automatically identify and retrieve new files in a given series and make them available through a centrally maintained Web site.**