

Answers of Chapter 2

"Discovering Computers 2011 : Living in a Digital World"

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True/False

1. A single government agency owns and controls the Internet. **(False)**
2. DSL provides high-speed Internet connections through the cable television network. **(False)**
3. In general, the first portion of each IP address identifies the network and the last portion identifies the specific computer. **(True)**
4. A Web 2.0 Web site can never allow users to modify Web site content. **(False)**
5. A Web page has a unique address, called a URL or Web address. **(True)**
6. Hypertext combines text-based links with graphic, audio, and video links. **(False)**
7. The major disadvantage with a subject directory is that users have difficulty deciding which categories to choose as they work through the menus of links presented. **(True)**
8. Most social networking Web sites include chat rooms, newsgroups, and other communications services. **(True)**
9. Streaming disallows users from accessing and using a file while it is transmitting. **(False)**
10. A plug-in is a program that extends the capability of an add-on. **(False)**
11. Most e-commerce actually takes place between consumers, which is called consumer-to-consumer e-commerce. **(False)**
12. Flames are abusive or insulting messages. **(True)**

Multiple Choice

1. **C.** A cellular radio network
2. **B.** Periods
3. **C.** Hypertext
4. **A.** Put the most important terms last
5. **A.** Microblog
6. **A.** Thumbnail
7. **C.** Uploading

8. C. Netiquette

Matching

1. *gTLD*, **h.** identifies the type of organization associated with a domain
2. *gTLD*, **b.** a two-letter country code for international Web sites outside the United States
3. *DNS Server*, **f.** translates the domain name to its associated IP address
4. *IPv6*, **e.** new IP addressing scheme that may increase the number of available IP addresses
5. *Link*, **a.** built-in connection to another related Web page or part of a Web page
6. *Search engine*, **i.** program that finds Web sites, Web pages, images, videos, news, maps, and other information related to a specific topic
7. *MP3*, **d.** format that reduces an audio file to about one-tenth its original size
8. *Player*, **g.** software used to listen to an audio file on a computer
9. *Video*, **j.** full-motion images that are played back at various speeds
10. *VoIP*, **c.** enables users to speak to other users over the Internet

Short Answer

1. - *Describe three different types of broadband Internet services. Cable Internet service provides high-speed Internet access through the cable television network via a cable modem. DSL (digital subscriber line) provides high-speed Internet connections using regular copper telephone lines. Fiber to the Premises (FTTP) uses fiber-optic cable to provide high-speed Internet access to home and business users.*
- *What is the difference between a regional ISP and a national ISP?*
A regional ISP usually provides Internet access to a specific geographic area. A national ISP is a business that provides Internet access in cities and towns nationwide.
2. - *How is a static Web page different from a dynamic Web page?*
A static Web page all see the same content. With a dynamic Web page, by contrast, visitors can customize some or all of the viewed content such as desired stock quotes, weather for a region, or ticket availability for flights.
- *What is a Web site?*

A Web site is a collection of related Web pages and associated items, such as documents and pictures, stored on a Web server.

3. - *What is a Web application?*

A Web application, or Web app, is a Web site that allows users to access and interact with software through a Web browser on any computer or device that is connected to the Internet.

- *What are some features and examples of Web applications?*

Some Web applications provide free access to their software. Others offer part of their software free and charge for access to more comprehensive features or when a particular action is requested. Examples of Web applications include Google Docs (word processing, spreadsheets, presentations), TurboTax Online (tax preparation), and Windows Live Hotmail (e-mail).

4. - *What are three types of specifications used by content aggregators to distribute content?*

RSS 2.0 (Really Simple Syndication), Atom, Some current browsers include a feature, such as Internet Explorer's WebSlices

- *How might you evaluate the accuracy of a Web site?*

We could evaluate a site by its affiliation, audience, authority, content, currency, design, objectivity.

5. - *What is Web publishing?*

Web publishing is the development and maintenance of Web pages.

- *What are the five major steps in Web publishing?*

Plan a Web site, Analyze and design a Web site, Create a Web site, Deploy a Web site, and Maintain a Web site.