

***Technology In Action, Complete, 14e (Evans et al.)***  
**Chapter 13 Behind the Scenes: How the Internet Works**

- 1) The \_\_\_\_\_ is responsible for the Internet's domain name system and the allocation of IP addresses.
  - A) ISOC
  - B) ICANN
  - C) W3C
  - D) IAB
  
- 2) The main path of the Internet along which data travels the fastest is known as the Internet \_\_\_\_\_.
  - A) protocol
  - B) highway
  - C) backbone
  - D) cache
  
- 3) High-speed \_\_\_\_\_ communication lines on the Internet backbone use fiber optics.
  - A) IP
  - B) OC
  - C) DSL
  - D) cable
  
- 4) Individual Internet users connect to ISPs through a(n) \_\_\_\_\_.
  - A) User Datagram Protocol (UDP)
  - B) T line
  - C) optical carrier (OC) line
  - D) point of presence (POP)
  
- 5) The main suite of protocols used for transmitting data on the Internet is \_\_\_\_\_.
  - A) FTP
  - B) TCP/IP
  - C) SMTP
  - D) POP
  
- 6) \_\_\_\_\_ uses a dedicated connection between two points with the connection remaining active for the duration of the transmission.
  - A) Packet switching
  - B) An open circuit
  - C) Circuit switching
  - D) A closed circuit
  
- 7) Which of the following information is NOT contained in a packet sent over the Internet?
  - A) The size (in bytes) of the packet
  - B) The address to which the packet is sent
  - C) The address from where the packet originates
  - D) The data that are transmitted

- 8) A(n) \_\_\_\_\_ address is a unique number that identifies a computer, server, or device connected to the Internet.
- A) TCP
  - B) IP
  - C) SMTP
  - D) NetBIOS
- 9) A(n) \_\_\_\_\_ address is a temporary IP address that is assigned from an available pool of IP addresses.
- A) dynamic
  - B) static
  - C) assigned
  - D) transition
- 10) An IP address that does not change and is usually assigned manually by a network administrator or an ISP is called a \_\_\_\_\_ address.
- A) dynamic
  - B) static
  - C) fixed
  - D) stationary
- 11) IPv6 was introduced when IPv4 \_\_\_\_\_.
- A) became too old
  - B) was eliminated
  - C) no longer had enough unique addresses
  - D) was revoked
- 12) When checking to see whether a particular name is registered on the Internet, your computer accesses a database that is kept on a(n) \_\_\_\_\_ server.
- A) DNS
  - B) URL
  - C) FTP
  - D) XML
- 13) An IP address in the form 197.169.100.1 is called a(n) \_\_\_\_\_.
- A) sequential access number
  - B) dotted quad
  - C) encryption key
  - D) random number
- 14) In the URL *http://www.pearsonhighered.com*, which of the following is the top-level domain?
- A) http
  - B) www
  - C) pearsonhighered
  - D) com

- 15) Which of the following is NOT used in developing websites?
- A) XML
  - B) KML
  - C) DHTML
  - D) HTML
- 16) Which of the following was created for the transfer of hypertext documents across the Internet?
- A) SSL
  - B) HTTP
  - C) FTP
  - D) HTML
- 17) `<i>` is an example of an HTML \_\_\_\_\_.
- A) marker
  - B) tag
  - C) indicator
  - D) key
- 18) To boldface text in HTML, you would enclose your text in \_\_\_\_\_.
- A) `<b>` and `</b>`
  - B) `/b` and `b`
  - C) `*b*` and `*/b*`
  - D) `HTM.bold.on` and `HTM.bold.off`
- 19) \_\_\_\_\_ defines the website content in terms of the data that is being described rather than how it is to be displayed.
- A) CGI
  - B) JavaScript
  - C) XML
  - D) HTML
- 20) Which of the following organizations research new Internet technologies to improve its capabilities?
- A) Internet Architecture Board
  - B) Internet Society
  - C) World Wide Web Consortium
  - D) Internet Engineering Task Force
- 21) A(n) \_\_\_\_\_ is a small program that resides on a server and is designed to be downloaded and run on a client computer.
- A) CGI script
  - B) app
  - C) applet
  - D) JavaScript

- 22) The HTML \_\_\_\_\_ defines items on a web page such as graphics, tables, and headers as objects.
- A) SSL
  - B) MIME
  - C) JSON
  - D) DOM
- 23) Which protocol is used when sending files as attachments by e-mail?
- A) Multipurpose Internet Mail Extensions (MIME)
  - B) Post Office Protocol (POP)
  - C) Simple Mail Transfer Protocol (SMTP)
  - D) User Datagram Protocol (UDP)
- 24) In public-key encryption, the two keys—one for coding and one for decoding—are known as \_\_\_\_\_.
- A) code keys
  - B) linked keys
  - C) key tags
  - D) a key pair
- 25) Which of the following is an example of an instant messaging service?
- A) LinkedIn
  - B) Monster
  - C) WhatsApp
  - D) Flickr
- 26) \_\_\_\_\_ permits two or more people to communicate over the Internet in real time.
- A) E-mail
  - B) Snapfish
  - C) Flickr
  - D) Instant messaging
- 27) Strong encryption now requires \_\_\_\_\_-bit keys.
- A) 40
  - B) 128
  - C) 256
  - D) 512