

1. The Internet was originally created to transport messages more rapidly for an increasingly sedentary and isolated population.
A) True
B) False

2. The Internet originated as a military and government project.
A) True
B) False

3. ARPAnet is a browser.
A) True
B) False

4. The Internet is a hierarchically structured and centralized network.
A) True
B) False

5. The Internet is owned and operated by the federal government, which has the power to shut it down when necessary.
A) True
B) False

6. Computer engineer Ray Tomlinson established the “login name@host computer” convention for e-mail addresses.
A) True
B) False

7. The introduction of microprocessors, miniature circuits made of silicon, made personal computers possible.
A) True
B) False

8. *HTML* stands for “hypertext markup language.”
A) True
B) False

9. Netscape overtook Internet Explorer as the most popular Web browser in the late 1990s.
- A) True
 - B) False
10. In the 1990s, AOL was the top Internet service provider in the United States.
- A) True
 - B) False
11. E-mail was one of the earliest services of the Internet.
- A) True
 - B) False
12. By 2014, Bing had nearly 66 percent of the search engine market share.
- A) True
 - B) False
13. Flickr is an online content community for sharing videos.
- A) True
 - B) False
14. Google+ is a social networking site that is designed to compete with Facebook.
- A) True
 - B) False
15. Facebook is the most popular social media site on the Internet.
- A) True
 - B) False
16. The BlackBerry was the first popular Internet-capable smartphone in the United States.
- A) True
 - B) False
17. Apple sells 25 million tablets each year.
- A) True
 - B) False

18. *MMORPG* stands for “massively multiplayer online role-playing game.”
A) True
B) False
19. The 1996 Telecommunications Act encouraged mergers and joint ventures among phone companies and cable operators.
A) True
B) False
20. Google is a subsidiary of YouTube.
A) True
B) False
21. Amazon is the world's largest e-commerce store.
A) True
B) False
22. Facebook uses profile information to deliver targeted and personalized ads to its users.
A) True
B) False
23. *Cookies* are files that allow a Web site owner to chart the computer user's movements within the Web site and collect other information about the user.
A) True
B) False
24. Most Web sites follow an “opt-in” data policy when collecting information from online consumers.
A) True
B) False
25. The U.S. Supreme Court ruled that efforts to ban indecent and obscene material on the Web through the Communications Decency Act of 1996 were unconstitutional.
A) True
B) False

26. The Children's Internet Protection Act of 2000 requires schools and libraries that receive federal funds for Internet access to filter out obscene, pornographic, or harmful content Web sites.
- A) True
 - B) False
27. Linux is an example of open-source software.
- A) True
 - B) False
28. According to the textbook, which of the following is *not* a big question about the future of the Internet?
- A) Who will have access to the Internet?
 - B) Does copyright law apply on the Internet?
 - C) Will there be more video games online?
 - D) Should there be limits on personal data gathering?
 - E) Should we be allowed to share anything on the Internet?
29. What was the original motivation for developing the Internet?
- A) Technical innovation
 - B) Entrepreneurial ambition
 - C) Military-government project
 - D) Popular demand for a more democratic medium of communication
 - E) Desire for a new toy or “novelty”
30. Which of the following statements about the Internet is *not* true?
- A) One of the goals for its creation and early development was computer time-sharing.
 - B) It is a hierarchical network where some have the power to kick others off the network.
 - C) By 2014 about 87 percent of all U.S. adults were Internet users.
 - D) The development of microprocessors and fiber-optic technology was necessary for the Internet to develop into a marketable medium.
 - E) In its development stage, universities, government research labs, and corporations involved with high-tech products were the Internet's primary users.

31. Which two developments were key to the Internet's marketability?
- A) Microprocessors and fiber-optic cable
 - B) ARPAnet and microprocessors
 - C) ARPAnet and digitization
 - D) E-commerce and distributed networks
 - E) Moore's Law and the World Wide Web
32. The World Wide Web was developed in _____.
- A) the late 1980s
 - B) 1993
 - C) the late 1990s
 - D) 2000
 - E) 2007
33. What is the difference between the Internet and the Web?
- A) Both are competing computer programs; the Web is the more popular one.
 - B) The Internet is international; the Web is local.
 - C) The Internet is a system of linked computers; the Web is a system of linked satellites.
 - D) The Internet is the older version of the Web.
 - E) None of the above options is correct.
34. The data-linking feature that allows Internet users to skip directly from a highlighted word to a related file in another computer system is called _____.
- A) hypertext
 - B) convergence
 - C) spamming
 - D) Net shorthand
 - E) e-mail
35. Which invention brought the Internet to mass audiences?
- A) Web browsers
 - B) Search engines
 - C) 56K modems
 - D) E-mail
 - E) Computer bulletin boards

36. By 2014, what percentage of American households had broadband Internet connections?
- A) 35 percent
 - B) About 50 percent
 - C) About 70 percent
 - D) 80 percent
 - E) None of the above options is correct.
37. Today's major ISPs include all except which of the following?
- A) Verizon
 - B) Comcast
 - C) AT&T
 - D) Google
 - E) Time Warner Cable
38. The *Huffington Post* is a leading _____.
- A) mash-up video
 - B) Wiki Web site
 - C) fundraising tool
 - D) MMORPG
 - E) blog
39. Which of the following statements about Wiki Web sites is true?
- A) A small group of people closely guard the posting of information to Wiki Web sites.
 - B) Wiki Web sites peaked in the early 1990s, but are now irrelevant.
 - C) The most notable example of a Wiki Web site is Wikipedia, the online encyclopedia that is mostly written by users.
 - D) Information on Wiki Web sites is highly reliable and always accurate.
 - E) All of the options are correct.
40. Content communities on the Web include which of the following?
- A) FanFiction.net
 - B) YouTube
 - C) Flickr
 - D) Vimeo
 - E) All of the options are correct.

41. According to the textbook, what is the most popular social networking site?
- A) Twitter
 - B) Google+
 - C) MySpace
 - D) Facebook
 - E) eBay
42. What service was launched in 2011 to compete against Facebook?
- A) Google+
 - B) Yahoo!
 - C) Tumblr
 - D) MySpace
 - E) Twitter
43. Second Life is an example of a(n) _____.
- A) smartphone
 - B) virtual social world
 - C) Web browser
 - D) ISP
 - E) Wiki Web site
44. According to the textbook, which of the following technological advances have contributed to the rise of media convergence?
- A) The development of wireless networks, making it easier for people to access the Internet almost anywhere
 - B) Broadband Internet connections, which improved the multimedia capabilities of computers
 - C) The development of Internet-capable cell phones
 - D) The rise of the personal computer industry in the mid-1970s
 - E) All of the options are correct.
45. Which one of the following is an example of media convergence?
- A) The tendency of news media to focus on local stories
 - B) The use of tablets to access different forms of traditional media, like books and movies
 - C) The theory that there are more and more media outlets
 - D) The way media coverage tends to follow a mob mentality in reporting
 - E) The idea that every media format will eventually be replaced by another

46. Which one of the following statements about media convergence is *not* true?
- A) Consumers can now access television shows, newspapers, and books on their computers.
 - B) Convergence took off at the same time as the rise of the personal computer industry in the 1970s.
 - C) Consumers now have the ability to access Internet-distributed content through their television sets.
 - D) Consumers often use more than one device to access media content.
 - E) All of the options are correct.

47. Which one of the following statements about Apple's iPad is *true*?
- A) It solely functions as a device for reading e-books.
 - B) It has been Apple's fastest-growing product line, and newer versions include things like cameras and faster graphics.
 - C) The Apple iPad will probably not have any competition from other companies/devices in the near future.
 - D) The iPad functions like a larger iPod shuffle.
 - E) You have to attach a mouse and keyboard to the iPad in order to use it.

48. By 2014, about how many apps were available for Apple devices?
- A) 35,000
 - B) 100,000
 - C) 375,000
 - D) 750,000
 - E) 1,100,000

49. Apple's response to which of the following established the new media economics?
- A) Napster
 - B) Facebook
 - C) Google+
 - D) AOL
 - E) All of the options are correct.

50. Hypertext inventor Tim Berners-Lee published an article in 2001 that introduced the idea of the _____.
- A) World Wide Web
 - B) voice recognition assistant
 - C) Semantic Web
 - D) ISP
 - E) smartphone

51. While no one owns the Internet, some businesses have had commercial success controlling parts of the Internet experience. Which of the following endeavors has/have been commercially successful?
- A) Providing physical access to the Internet through phone, cable, and satellite links
 - B) Selling advertising space on the Internet
 - C) Designing and providing programs that allow users to network with others over the Internet
 - D) Designing and running directories and search engines
 - E) All of the options are correct.
52. Yahoo!'s business method has been to make itself an all-purpose entry point, or _____, to the Internet.
- A) ISP
 - B) algorithm
 - C) Web browser
 - D) portal
 - E) search engine
53. Why did AOL begin losing customers in the early 2000s?
- A) It didn't provide instant messaging.
 - B) It couldn't keep up with the advent of broadband Internet connections.
 - C) It didn't screen out pornographic sites.
 - D) It merged with Time Warner.
 - E) It merged with Google.
54. Which statement about the business model of Google is true?
- A) Google makes the majority of its money from subscription fees.
 - B) Google makes the majority of its money from pay-per-click advertisements.
 - C) Google is a nonprofit organization dedicated to universal access to information.
 - D) The majority of Google's revenue comes from selling its cloud-based word processing program.
 - E) None of the above options is correct.

55. Which of the following statements about targeted advertising is *not* true?
- A) It is a passing fad because it is unpopular with advertisers and generates very little revenue.
 - B) It is a big part of the revenue of sites like Google and Facebook.
 - C) Some versions read your e-mail messages to find key words that trigger specific ads.
 - D) It may undermine the role of search engines to provide neutral access to information.
 - E) It may turn search engines into ad brokers.
56. What is spyware and what does it do?
- A) It is a way for the government to figure out if you are accessing pornography online.
 - B) It was software developed by the Defense Department's Advanced Research Projects for spying on Russia.
 - C) It is a computer program that lets you access secret information from sources like WikiLeaks.
 - D) It is a computer program that is secretly bundled with other software that allows someone to collect private information.
 - E) None of the above options is correct.
57. Which of the following is *not* a threat to privacy of personal information on the Internet?
- A) Government surveillance
 - B) Data mining
 - C) Cookies
 - D) Digital archiving
 - E) Online fraud
58. Which of the following best describes an “opt-in” Internet policy?
- A) A policy that assumes a Web site has the right to collect and share your information
 - B) A policy of inserting spyware on unsuspecting computers
 - C) A policy whereby consumers have to give their consent before a Web site can collect any browsing history data
 - D) A policy favored by marketers and data-mining corporations
 - E) A policy of tricking search engines into including Web sites in their search results

59. The law that grants sweeping powers to law-enforcement agencies to intercept individuals' online communications, including e-mail messages and browsing records, is the _____.
- A) Communications Decency Act
 - B) Telecommunications Act
 - C) USA PATRIOT Act
 - D) Child Online Protection Act
 - E) Children's Internet Protection Act
60. A form of Internet identity theft involving phony e-mail messages asking customers to update their credit card numbers, account passwords, and other personal information is called _____.
- A) spamming
 - B) data-mining
 - C) targeting
 - D) open sourcing
 - E) phishing
61. What does the term *digital divide* refer to?
- A) The ability of the rich to have access to the latest information technology while the poor do not.
 - B) The length of time it takes for messages to travel between two continents.
 - C) The competition between software companies.
 - D) The programming gap between using a Microsoft operating system and a system like Linux.
 - E) The difference in quality between an analog and a digital recording.
62. According to the American Library Association, what are the limitations of trying to protect children from inappropriate material on the Internet?
- A) It's annoying to have to disable the filters every time an adult wants to access that material.
 - B) There is no way to filter out all illegal content but still allow access to constitutionally protected materials.
 - C) Current filtering software doesn't block enough material.
 - D) There isn't enough federal funding for all schools and libraries to have the filtering software.
 - E) There are no limitations.

63. Which of the following statements about Linux software is true?
- A) It's free.
 - B) Many people have contributed to its development.
 - C) It is most often found on operating servers rather than PC desktops.
 - D) Linus Torvalds established it in 1991.
 - E) All of the options are correct.
64. Designed by the U.S. Defense Department's Advanced Research Projects Agency, the original Internet was called _____.
65. _____ is made of thin glass bundles that transmit thousands of messages simultaneously via laser light.
66. Invented in the 1980s, the _____ is the most popular part of the Internet and is essentially the navigation system for it.
67. *HTML* stands for hypertext _____ language.
68. Web navigation software packages such as Firefox and Microsoft's Internet Explorer are known as _____.
69. *ISP* stands for Internet _____ provider.
70. The easiest way to communicate over the Internet in real time is IM, or _____.
71. _____ contain articles in chronological, journal-like form, often with reader comments and links to other articles on the Web.
72. YouTube is an example of an online video _____ community.
73. The Kindle Fire and iPad are examples of touchscreen _____.

74. Apple's voice-recognition software, Siri, is an example of the

_____.

75. The socioeconomic disparity between those who do and those who do not have access to digital technology and media such as the Internet is sometimes referred to as the

_____.

Use the following to answer questions 76-80:

Matching

Selecting from the following list of terms, match the description with the best answer. Some terms may be used more than once or not at all.

- A. Fiber-optic cable
- B. World Wide Web
- C. Social media site
- D. HTML

76. Written code that creates Web pages and links

77. Thin glass bundles capable of transmitting thousands of messages

78. A site where you can upload photos, share interests, and post messages to friends

79. Facebook

80. The most frequently visited region of the Internet

Use the following to answer questions 81-86:

Matching

Select from the following list of terms to match the description with the best answer. Some terms may be used more than once or not at all.

- A. Twitter
- B. Digital divide
- C. 2010 net neutrality rules
- D. Opt-in policy
- E. Internet service provider

81. A procedure whereby Web sites ask for your explicit permission before they can collect browsing history or other data

82. A microblogging service

83. A company that provides access to the Internet

84. An FCC plan twice rejected by federal courts

85. AOL

86. A term that describes the gap between the information “haves” and “have-nots”

87. Name a group that worked to establish the early Internet. Explain the motivation for developing the Internet.

88. Many experts agree that one of the major characteristics that make the Internet unique is that it cannot be centrally controlled. Explain why and how this came about.

89. What are the key issues involving ownership and control of the Internet?

90. Briefly describe how digital communication has progressed from e-mail.

91. What is social media? Give at least three examples.
92. Briefly explain how the converging of media content on the Internet, from movies to books to music, came about.
93. Why do consumer advocates tend to favor the “opt-in” policy and marketers the “opt-out” policy for the collection of browsing history data?

Answer Key

1. B
2. A
3. B
4. B
5. B
6. A
7. A
8. A
9. B
10. A
11. A
12. B
13. B
14. A
15. A
16. A
17. A
18. A
19. B
20. B
21. A
22. A
23. A
24. B
25. A
26. A
27. A
28. C
29. C
30. B
31. A
32. A
33. E
34. A
35. A
36. C
37. D
38. E
39. C
40. E
41. D
42. A
43. B
44. E

- 45. B
- 46. B
- 47. B
- 48. E
- 49. A
- 50. C
- 51. E
- 52. D
- 53. B
- 54. B
- 55. A
- 56. D
- 57. D
- 58. C
- 59. C
- 60. E
- 61. A
- 62. B
- 63. E
- 64. *ARPAnet*
- 65. Fiber-optic cable
- 66. World Wide Web
- 67. markup
- 68. *browsers*
- 69. service
- 70. instant messaging
- 71. Blogs
- 72. content
- 73. tablets
- 74. Semantic Web
- 75. *digital divide*
- 76. D
- 77. A
- 78. C
- 79. C
- 80. B
- 81. D
- 82. A
- 83. E
- 84. C
- 85. E
- 86. B
- 87.
- 88.
- 89.
- 90.

- 91.
- 92.
- 93.