CS200-Chapter1-Homework

Multiple Choice
Identify the choice that best completes the statement or answers the question.

1. Computer ____ entails having knowledge and understanding of computers and their uses.
   a. literacy c. legitimacy
   b. intimacy d. infancy

2. A(n) ____ is an electronic device, operating under the control of instructions stored in its own memory, that can accept data, manipulate the data according to specified rules, produce results, and store the results for future use.
   a. input device c. output device
   b. computer d. both a and c

3. A computer contains many electric, electronic, and mechanical components known as ____.
   a. software c. output
   b. storage media d. hardware

4. ____ consist(s) of a computer’s electronic components that store instructions waiting to be executed and data needed by those instructions.
   a. Memory c. Storage
   b. Transmission media d. Communications media

5. A computer keeps data, instructions, and information on ____ media.
   a. communications c. reception
   b. storage d. reading

6. A(n) ____ is anyone who communicates with a computer or utilizes the information it generates.
   a. texter c. user
   b. developer d. decoder
7. When a computer connects to a network, such as the one in the accompanying figure, it is ____.
   a. linked  
   b. inline  
   c. resourced 
   d. online  

8. The ____, which is pictured in the accompanying figure, is a worldwide collection of networks that connects millions of businesses, government agencies, educational institutions, and individuals.
   a. Web 
   b. Telnet 
   c. Internet 
   d. Newsnet 

9. The ____, which is one of the more popular services on the Internet, contains billions of documents called Web pages.
   a. World Wide Web 
   b. Telnet 
   c. Newsnet 
   d. Web server 

10. A Web page can contain ____.
    a. text and graphics 
    b. audio 
    c. video 
    d. all of the above 

11. A(n) ____ is an informal Web site consisting of time-stamped articles in a diary or journal format, usually listed in reverse chronological order.
    a. blog 
    b. podcast 
    c. chat 
    d. videoconference 

12. A(n) ____ is recorded audio stored on a Web site that can be downloaded to a computer or a portable digital audio player.
    a. blog 
    b. podcast 
    c. chat 
    d. videoconference
13. ____ is a series of instructions that tells a computer what to do and how to do it.
   a. Hardware  
   b. Software  
   c. Appware  
   d. A podcast

14. With a ____ , such as that pictured in the accompanying figure, you interact with software using text, graphics, and visual images.
   a. command line interface (CLI)  
   b. graphical user interface (GUI)  
   c. menu driven interface (MDI)  
   d. voice oriented interface (VOI)

15. As shown in the accompanying figure, a(n) ____ is a miniature image that represents a program, an instruction, or some other object.
   a. server  
   b. processor  
   c. icon  
   d. network

16. When a user starts a computer, portions of the ____ (of which Microsoft Vista, shown in the accompanying figure, is an example) load into memory from the computer’s hard disk.
   a. application software  
   b. operating system  
   c. graphical user interface (GUI)  
   d. podcast

17. A(n) ____ system is a set of programs that coordinates all the activities among computer hardware devices.
   a. operating  
   b. director  
   c. utility  
   d. management

18. A(n) ____ program is a type of system software that allows a user to perform maintenance-type tasks usually related to managing a computer, its devices, or its programs.
   a. embedded  
   b. maintenance  
   c. utility  
   d. server
19. ____ is the process of setting up software to work with a computer, printer, and other hardware components.
   a. Installing  
   b. Running  
   c. Executing  
   d. Entering

20. A(n) ____ is someone who develops software or writes the instructions that direct the computer to process data into information.
   a. director  
   b. program manager  
   c. programmer  
   d. user

21. A ____ computer is a computer that can perform all of its input, processing, output, and storage activities by itself.
   a. mainframe  
   b. personal  
   c. terminal  
   d. mainline

22. ____ computers use a Macintosh operating system (Mac OS X).
   a. Apple  
   b. PC  
   c. PC-compatible  
   d. All of the above

23. A(n) ____ computer, as shown in the accompanying figure, is a portable, personal computer small enough to fit on your lap.
   a. handtop  
   b. desktop  
   c. PDA  
   d. notebook
24. As shown in the accompanying figure, a(n) ____ device is a computing device small enough to carry in a pocket.
   a. integrated          c. mobile
   b. desktop             d. encapsulated

25. Resembling a letter-sized slate, a(n) ____ is a special type of notebook computer that allows you to write or draw on the screen using a digital pen.
   a. mainframe           c. PPA
   b. Tablet PC           d. hotspot

26. ____ are the fastest, most powerful computers -- and the most expensive.
    a. Embedded computers  c. Mainframes
    b. Supercomputers      d. Mobiles devices

27. A(n) ____ computer is a special-purpose computer that functions as a component in a larger product.
    a. smart               c. embedded
    b. handheld             d. integral

28. A(n) ____ includes any company with fewer than 50 employees, as well as the self-employed who work from home.
    a. small office/home office (SOHO)  c. enterprise user
    b. home user                   d. power user
29. An increasing number of employees and students are ____ users, who work on a computer while away from a main office or school.
   a. enterprise  
   b. SOHO  
   c. mobile  
   d. power

30. Examples of power users include all of the following except ____.
   a. sales representatives  
   b. engineers and scientists  
   c. desktop publishers  
   d. architects and graphic artists

31. A category of user, called a(n) ____ user, requires the capabilities of a powerful desktop computer, called a workstation.
   a. power  
   b. mobile  
   c. SOHO  
   d. large business

32. Each employee or customer who uses a computer in a large business is a(n) ____ user.
   a. SOHO  
   b. enterprise  
   c. mobile  
   d. power

33. Many large companies use the words, ____ computing, to refer to the huge network of computers that meets their diverse computing needs.
   a. online  
   b. strategic  
   c. enterprise  
   d. management

34. ____ is a work arrangement in which employees work away from a company’s standard workplace and often communicate with the office through the computer.
   a. Telecommuting  
   b. Teleprocessing  
   c. Telescoping  
   d. Telephering

35. With ____ users access account balances, pay bills, and copy monthly transactions from a bank’s computer right into their own computers.
   a. online investing  
   b. online banking  
   c. neural networks  
   d. All of the above

36. People access ____ Web sites to file taxes, apply for permits and licenses, pay parking tickets, buy stamps, report crimes, apply for financial aid, and renew vehicle registrations and driver’s licenses.
   a. education  
   b. government  
   c. industry  
   d. finance

37. Investors often use ____ investing to buy and sell stocks and bonds without using a broker.
   a. dynamic  
   b. database-driven  
   c. managed  
   d. online

38. Through ____ health-care professionals in separate locations conduct live conferences on computers.
   a. aeromedicine  
   b. holistic medicine  
   c. telemedicine  
   d. nuclear medicine

39. ____ refers to the use of computers to assist with manufacturing processes such as fabrication and assembly.
   a. CAD  
   b. PCX  
   c. CAM  
   d. USB
40. A(n) ___ computer is designed so the system unit, input devices, output devices, and any other devices fit entirely on or under a desk or table.
   a. desktop  
   b. encapsulated  
   c. mobile  
   d. handheld

**True/False**

*Indicate whether the statement is true or false.*

41. Computers process output (information) into input (data).

42. You insert and remove an external hard disk from the computer or a device connected to the computer.

43. A USB flash drive like the one in the accompanying figure is a portable storage device that can hold about 4 billion characters but is small and lightweight enough to be transported on a keychain or in a pocket.

44. A hard disk provides much less storage capacity than a USB flash drive like the one shown in the accompanying figure.

45. A Web page is a collection of related Web sites.

46. You interact with a program through its user interface.

47. Application software consists of the programs that control or maintain the operations of the computer and its devices.

48. When you buy a computer, it usually has some software preinstalled on its hard disk.

49. Once a program is in memory, the computer can carry out, or execute, the instructions in the program.

50. A computer’s size, speed, processing power, and price determine the category it best fits.

51. Due to slowly changing technology, the distinction among categories of computers is always clear-cut.
52. The most popular type of mobile computer is the desktop computer like the one in the accompanying figure.
53. You can often connect a device like the one shown in the accompanying figure to a personal computer to exchange information.

54. Mobile devices like that shown in the accompanying figure usually store programs and data permanently on memory inside the system unit or on small storage media such as memory cards.

55. A handheld computer like the one in the accompanying figure is a computer small enough to fit in one hand while you operate it with the other hand.

56. With a handheld game console, the controls, screen, and speakers are built into the device.

57. A server is a handheld Internet-enabled device.

58. Applications requiring complex, sophisticated mathematical calculations, such as applications in aerospace and automotive design, use desktop computers.

59. Most major corporations use supercomputers for daily business activities.
60. SOHO users often have basic business software and also are likely to use other industry-specific types of software.

61. The accounting department in a large business uses desktop publishing software to prepare marketing literature.

62. Employees who telecommute have rigid work schedules so they cannot combine work and personal responsibilities.

63. Students use software to assist with learning or to complete assignments.

64. With online investing, the transaction fee for each trade usually is much more than when trading through a broker.

65. Breakthroughs in surgery, medicine, and treatments seldom result from scientists’ use of computers.