# 2015级《COMPUTRT CONCEPT》复习纲要

## (一)True/False

1. A bit is a binary digit, such as a 1 or 0.
2. A computer can work without a memory.
3. The list of codes for a microprocessor’s instruction set is called machine language.
4. C, C++, and Java are examples of programming languages.
5. A computer’s operating system is a type of application software.
6. A compiler converts source code to object code.
7. Cloud computing provides access to information, applications, communications, and storage over the Internet.
8. Cloud computing is the term given to analyzing cloud patterns and, with the help of the computer, predicting the weather.
9. ROM is a type of memory that holds the computer’s startup routine.
10. When formatting a disk, the disk is divided into tracks.
11. A computer network is a group of computers linked by wired or wireless technology to share data and resources.
12. Digital technologies and communications networks make it easy to cross cultural and geographic boundaries
13. A WAN provides connectivity within a limited geographical area, usually spread over several buildings.
14. A compiler converts and executes one statement at a time while the program is running.
15. A computer’s operating system is a type of application software.
16. Database software stores information in HTML codes.
17. The two main categories of software are application software and system software.
18. A microprocessor is an integrated circuit designed to process instructions
19. Solid state storage is a technology that stores data in erasable, rewritable circuitry.
20. Today, most peripheral devices are connected to a computer by USB port.
21. When using Windows, you cannot use a reserved word, such as Aux, as a file name.
22. In a hard disk, partitions are the same thing as folders.
23. Too much dependence on virtual memory can have a negative effect on your computer's performance because getting data from a mechanical device is much slower than getting data from an electronic device.
24. A clock cycle is the smallest unit of time in a microprocessor’s universe, and each instruction requires exactly one clock cycle.
25. Word processing software and operating systems are examples of application software.
26. The Web is a collection of linked documents, graphics, and sounds that can be accessed over the Internet
27. The Internet backbone is a network of high-capacity communications links that provides the main routes for data traffic across the Internet.
28. The computers and software that store and distribute Web pages are called Web clients.
29. For many client-based e-mail systems, a POP server handles incoming mail, and a SMTP server handles outgoing mail.
30. Ethernet simultaneously broadcasts data packets to all network devices.
31. Wireless networks are more safe than wired networks.
32. An IP address is a series of numbers used to identify a network device
33. TCP, IP, UDP, HTTP, and FTP are examples of protocols used on the Internet.
34. 211.87.225.127 is a valid IP address.
35. All IP addresses are static.
36. IP breaks a message or file into packets.
37. When a file is deleted, the clusters that contain the file are erased immediately.
38. Wi-Fi is not compatible with Ethernet.
39. In an HTTP communication, your browser opens a socket, connects to a similar open socket at the Web server, and issues a command, such as "send me an HTML document".
40. Today’s VoIP systems allow you to use a standard telephone handset to make or receive calls.
41. Most people are aware of the privacy issues associated with location-enabled devices.
42. Public key encryption uses a public key to encrypt messages, but a private key is required to decrypt messages.
43. Downloaded software is usually zipped to decrease download time.
44. A software worm can replicate itself.
45. Utility software is a type of application software.
46. Database software provides tools for specifying fields for a series of records.
47. Security software is designed to protect computers from various forms of destructive software and unauthorized intrusions
48. In a network, a server is a computer that provides services to other computers called peersa .
49. Wireless networks are less secure than wired networks.
50. http://www.sdu.edu.cn is an example of a URL.
51. A Web page is the product or output of one or more Web-based files displayed in a format similar to a page in a book.
52. Portable Internet access includes Mobile WiMAX and Wi-Fi.
53. In the binary number system, 2 is used to represent the value
54. A compiler converts and executes one statement at a time while the program is running.
55. Because most digital devices are electronic, bits take the form of electrical pulses.
56. Facebook and Twitter are examples of social networking options.
57. IP breaks a message or file into packets.
58. Wireless networks are more safe than wired networks.
59. RAM is volatile, which means it must constantly receive electric power to hold data.
60. The number of horizontal and vertical pixels that a device displays on a screen is referred to as its screen resolution.
61. Antivirus software does not require any updates.
62. When formatting a disk, the disk is divided into tracks.
63. P2P file sharing allows users to obtain files from other users on the Internet.
64. Downstream speed is the rate of data transmitted from your computer to the Internet.
65. An Internet forum is a Web-based online discussion site where participants post comments to discussion threads.
66. Any access to data or programs by hackers, criminals, or other unauthorized persons is called intrusion
67. The framework for an HTML document consists of two sections: a head and a body.
68. A C2C e-commerce transaction occurs when individual consumers purchase goods and services from online merchants.
69. Every Web page has a unique address called a(n) Uniform Resource Locator.
70. A Web crawler is a computer program that is automated to methodically visit Web sites.
71. Web authoring software provides tools specifically designed to enter and format Web page text, graphics, and links.
72. Public Wi-Fi hotspots provide mobile Internet access.
73. A firewall is software or hardware designed to filter out suspicious packets attempting to enter or leave a computer
74. Explorer, Safari, Firefox, and Chrome are examples of Web browsers.
75. A Web crawler is type of virus that affects cookies.
76. The www in a URL is part of a domain name.
77. E-mail is based on store-and-forward technology.
78. If you turn off cookies, you may not be able to make online purchases at some sites.
79. One of the most common ways of gaining unauthorized access to a network is by looking for open ports.
80. A(n) spam filter captures unsolicited e-mail messages before they reach your inbox.

## （二）Multiple Choice

1. The binary number 10 represents \_\_\_\_ in the decimal number system.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 1 | c. | 10 |
| b. | 2 | d. | 100 |

2.. The type of code that uses only seven bits for each character is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ASCII | c. | EBCDIC |
| b. | Extended ASCII | d. | all of the above |

3.. The type of code that uses eight bits for each character is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ASCII | c. | EBCDIC |
| b. | Extended ASCII | d. | all of the above |

4.. A \_\_\_\_ is a series of characters that becomes a person’s unique identifier.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | PIN code | c. | user ID |
| b. | password | d. | all of the above |

5. In terms of an authentication protocol, the phrase ‘something a person possesses’ could refer to \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | a password | c. | biometrics |
| b. | an ID card | d. | none of the above |

6. In terms of an authentication protocol, the phrase ‘something a person is’ refers to a(n) \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | password | c. | biometric device |
| b. | ID card | d. | none of the above |

7. Adobe Reader works with files stored in standard \_\_\_\_ format.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | PDF | c. | HTML |
| b. | GIF | d. | both a and c |

8. \_\_\_\_ searches are simply a collection of words relevant to a search.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Natural language | c. | Keyword |
| b. | QBE | d. | Notational |

9. If virus protection software identifies a virus, it can try to take all of the following actions except \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | remove the infection | c. | delete the file |
| b. | put the file in quarantine | d. | shut down the computer |

10 A \_\_\_\_ is an additional set of commands that the computer displays after you make a selection from the main menu.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | submenu | c. | menu selection |
| b. | dialog box | d. | all of the above |

11. The main directory maintained by your computer’s operating system is the \_\_\_\_ directory.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | root | c. | preset |
| b. | leaf | d. | support |

12. The process of transferring a file from a remote computer to a local computer is called \_\_\_\_.

a. uploading b. downloading c. updating d. inputting

13. Application software is designed to accomplish \_\_\_\_ tasks.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | computer-centric | c. | gaming |
| b. | real-world | d. | only operating system |

14. \_\_\_\_ is a temporary holding area for data, application program instructions, and the operating system.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ROM | c. | Disk storage |
| b. | EEPROM | d. | RAM |

15. RAM can be thought of as the \_\_\_\_ for the computer’s processor.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | factory | c. | waiting room |
| b. | operating room | d. | planning room |

16. Unlike disk storage, most RAM is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | virtual | c. | non-volatile |
| b. | integrated | d. | volatile |

17. Suppose you’re shopping for a USB Flash drive. What does the 64 GB mean?

|  |
| --- |
| a. It operates at 64 gigabits per second.  b. It holds 64 million 0s and 1s to represent data.  c. It holds 64 billion bytes of data.  d. It uses 64-bit ASCII code to hold data. |

18. Which of the following passwords is likely to be the most secure?

a. 12345 because it is all numbers.

b. Hippocampus, because it is a long and unusual word.

c. Il2baomw, because it combines numbers with a nonsense word.

d. Football88, because it combines a word and numbers.

19. A compute-intensive problem runs on a \_\_\_\_.

|  |
| --- |
| a. Server b. Supercomputer  c. Miniframe d. Super PC |

20. RAM can be thought of as the \_\_\_\_ for the computer’s processor.

|  |  |
| --- | --- |
| a. factory b. waiting room  c. operating room d. planning room  21. A set of computer programs that helps a computer monitor itself and function more efficiently is \_\_\_\_.   |  | | --- | | a. a software suite b. application software  c. system software d. processing software | |

22. For a student who owns a computer, but sometimes needs to use computers in the school lab, which storage device is most versatile?

a. Hard disk drive b. CD-R

c. Solid state drive d. USB flash drive

23. If a program exceeds its allocated space, the operating system uses an area of the hard disk called \_\_\_\_ to store parts of a program or data file until they are needed.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | volatile memory | c. | virtual memory |
| b. | capacitor memory | d. | integrated memory |

24. A(n) \_\_\_\_ computer is a small, lightweight personal computer with screen, keyboard, storage, and processing components integrated into a single unit.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | workstation | c. | desktop |
| b. | all-in-one | d. | portable |

25. \_\_\_\_ is a temporary holding area for data, application program instructions, and the operating system.

a. ROM b. CMOS c. Disk storage d. RAM

26. RAM can be thought of as the \_\_\_\_ for the computer’s processor.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | factory | c. | waiting room |
| b. | operating room | d. | planning room |

4. How is a magnetic disk drive read?

a. through a laser beam b. sequentially c. randomly d. in sequential blocks

27. A \_\_\_\_ is a physical path or a frequency used for signal transmissions.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | logical channel | c. | connecting link |
| b. | communications channel | d. | node link |

28.A hard disk \_\_\_\_ is a flat, rigid disk made of aluminum or glass and coated with magnetic iron oxide particles.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | window | c. | platter |
| b. | fragment | d. | control unit |

29. Personal computer hard disk platters typically have storage capacities ranging from 40 GB to \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 60 GB | c. | 750 GB |
| b. | 100 GB | d. | 2 TB |

30. CD, DVD, and Blu-ray technologies can be classified as \_\_\_\_ storage.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | solid state | c. | magnetic |
| b. | bubble | d. | optical |

31. Which of the following is an example of a rerecordable optical storage medium?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | BD-RE | c. | DVD+RW |
| b. | CD-RW | d. | all of the above |

32. A built-in \_\_\_\_ in your personal computer can make it simpler to transfer photos from a solid state memory card used in your digital camera.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | card reader | c. | U3 drive |
| b. | USB drive | d. | MP3 media player |

33. On a home network, file \_\_\_\_ allows you to view and copy photos, for example, from your desktop computer to a tablet computer.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | sharing | c. | routing |
| b. | porting | d. | logging |

34. The Internet began with a project called \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | NSF | c. | ARPANET |
| b. | AOL | d. | WWW |

35. A \_\_\_\_ is a touch-sensitive surface on which you can slide your fingers to move the on-screen pointer.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | pointing stick | c. | trackball |
| b. | trackpad | d. | joystick |

36. Tablet computers, handheld devices, retail store self checkouts, and information kiosks collect input from a \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | pointing stick | c. | trackball |
| b. | joystick | d. | touch screen |

37. A(n) \_\_\_\_ display is standard equipment on notebook computers.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | PDA | c. | LCD |
| b. | HTML | d. | URL |

38. Incoming mail can be stored on a(n) \_\_\_\_ server until it is downloaded to the inbox on your hard disk.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Webmail | c. | IMAP |
| b. | POP3 | d. | SMTP |

39. \_\_\_\_ software is a type of security software designed to identify and neutralize Web bugs, ad-serving cookies, and other types of malware.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Antivirus | c. | Antispyware |
| b. | Crawler | d. | Indexer |

40. 3G technologies have speeds ranging from 200 Kbps to \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 500 Kbps | c. | 2 Mbps |
| b. | 1 Mbps | d. | 5 Mbps |

41. Software publishers offer a huge variety of products for personal computer owners. From which of the following categories does the typical computer owner purchase add-on software?

a. System software and operating systems b. Application software and utilities

c. Device drivers and application software d. System software and antivirus software

42. Just about everyone has used iTunes software to download music. iTunes software also allows you to list the songs you’ve downloaded, delete songs, find songs, and organize your music into play lists. These features of iTunes are similar to what type of software?

a. Word processing software b. Spreadsheet software.

c. Database software d. Groupware

43. Suppose you purchase a new computer and it comes with Microsoft Office installed. After using this software for 30 days, it displays a message indicating that to keep using it, you will have to pay. This software is an example of all of the following EXCEPT:

a. Proprietary software b. Open source software

c. Commercial software d. Demoware

44. C, BASIC, COBOL, and JAVA are examples of \_\_\_\_ programming languages.

|  |
| --- |
| a. low-level b. system  c. computer d. high-level |

45. A(n) \_\_\_\_ is a collection of related information organized and formatted so it can be accessed using software called a browser.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Web site | c. | podcast |
| b. | Internet | d. | tag |

46. A(n) \_\_\_\_ helps people locate information on the Web by formulating simple keyword queries.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | navigator | c. | search engine |
| b. | browser | d. | HTML tag |

47. An example of software most commonly associated with productivity software is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | the Windows operating system | c. | word processing software |
| b. | a real-time player | d. | a browser |

48. Productivity software that provides you with the ability to create, spell-check, edit, and format is considered \_\_\_\_ software.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | word processing | c. | Web authoring |
| b. | desktop processing | d. | spreadsheet |

49. When using word processing software to analyze the reading level of your document, you should use a \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | thesaurus | c. | readability formula |
| b. | grammar checker | d. | paragraph checker |

50. When you purchase a textbook online from a site like www.amazon.com, you are participating in \_\_\_\_ e-commerce.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | C2C | c. | B2B |
| b. | B2C | d. | B2G |

51.To find a particular record or group of records in a database, you use a(n) \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | find | c. | inquiry |
| b. | query | d. | search |

52. \_\_\_\_ applications are software that is installed on a computer’s hard disk.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Help | c. | Data |
| b. | Resident | d. | Local |

53. When you install a local application, all of its files are placed in the appropriate folders on your computer's hard disk, and then your computer performs any software or hardware \_\_\_\_ necessary to make sure the program is ready to run.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | authentications | c. | configurations |
| b. | reboots | d. | verifications |

54. It is illegal to do all the following with software EXCEPT \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | copy and sell to a friend | c. | copy and keep as backup |
| b. | copy and give to a friend | d. | modify |

55. Web applications are \_\_\_\_.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. installed locally and run on the Web b. installed on the Web and run locally  c. accessed and run on the Web d. all of the above  56. Within a single program, \_\_\_\_ allows multiple parts to run simultaneously.   |  |  |  |  | | --- | --- | --- | --- | | a. | Multitasking | b. | Multiprocessing | | c. | Multithreading | d. | Multicomputing | |

57. Networks need to communicate with each other. What is the key to network intercommunication?

a. Circuit switching b. Network protocols

c. Network topology d. Peer-to-peer technology

58. A \_\_\_\_ is an additional set of commands that the computer displays after you make a selection from the main menu.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Submenu | b. | menu selection |
| c. | dialog box | d. | all of the above |

59. \_\_\_\_ searches are simply a collection of words relevant to a search.

|  |
| --- |
| a. Natural language b. Keyword  c. QBE d. Notational |

60. There are many ways to share files among the computers on a network. Which one of the following is the LEAST secure way to share files?

a. Use a file server.

b. Activate file sharing for the root directory of all the computers in the network.

c. Designate specific folders on your computer as shared.

d. Put files you want to share in the Public folder.

61.A security suite will typically include all of the following EXCEPT \_\_\_\_ software.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | antivirus | c. | antispyware |
| b. | firewall | d. | browser |

62. Security suites can be \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | downloaded from the Web | c. | purchased at electronics stores |
| b. | purchased at computer stores | d. | all of the above |

63. A virus signature is a \_\_\_\_.

|  |  |
| --- | --- |
| a. | type of utility that looks for and eradicates viruses |
| b. | unique series of instructions to defend against malicious code |
| c. | section of program code used to identify a known malicious program |
| d. | the personal identifier of the author of the virus |

64.The strengths of Microsoft Windows include all of the following EXCEPT \_\_\_\_.

|  |  |
| --- | --- |
| a. | number of applications |
| b. | variety of hardware platforms on which it runs |
| c. | its ability to do handwriting recognition |
| d. | reliability |

65. Microsoft offers different desktop editions of its Microsoft Windows for various markets; these editions include all of the following EXCEPT \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Home | c. | Ultimate |
| b. | Professional | d. | Mobile |

66. The strengths of Mac OS include \_\_\_\_.

|  |  |
| --- | --- |
| a. | its use of resource forks |
| b. | the number of software applications that run on it |
| c. | security |
| d. | all of the above |

67.The operating system that was developed in 1969 by AT&T’s Bell Labs and gained a good reputation for its dependability is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | INIX | c. | LINUX |
| b. | UNIX | d. | LUNIX |

68. \_\_\_\_ was developed by a Finnish student. It continues to gain popularity as an operating system for personal computers. It is distributed under the terms of a GPL.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | INIX | c. | LINUX |
| b. | UNIX | d. | LUNUX |

69. \_\_\_\_ OS is a popular handheld operating system used on Ericsson and Nokia smart phones.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Palm | c. | iPhone |
| b. | Windows Phone 7 | d. | Symbian |

70. \_\_\_\_ is based on a system of “cards” that represents applications in a multitasking environment.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | HP webOS | c. | IOS |
| b. | Windows Phone 7 | d. | Symbian |

71.File management capabilities available from application software include \_\_\_\_ files.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | copying | c. | deleting |
| b. | renaming | d. | all of the above |

72. A file \_\_\_\_, in the context of Windows, is a piece of information that describes a file.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | identifier | c. | tag |
| b. | description | d. | meta data |

73 A(n) \_\_\_\_ backup makes a copy of only those files that were added or changed since your last backup.

|  |  |  |  |
| --- | --- | --- | --- |
| a. incremental |  | b. parity |  |
| c. differential |  | d. incomplete |  |

74. To see a list of devices on your network, you can use your operating system's \_\_\_\_ utility.

|  |
| --- |
| a. file server b. destination  c. file management d. public |

75. Which one of the following is accurate in the context of Internet addresses?

a. IPv6 addresses such as 204.127.129.1 are dedicated to educational institutions.

b. Top level domains like EarthLink or AOL are adequate for most consumers.

c. A domain name, such as BAIDU.COM corresponds to a unique IP address.

d. A dynamic IP address begins with www.

76. To configure a file server, open a browser from any workstation, enter the file server’s \_\_\_\_ address, and provide the administrator ID and password.

|  |
| --- |
| a. SSID b. LAN  c. MAC d. IP |

77. Data transmission speeds are typically expressed as \_\_\_\_.

|  |
| --- |
| a. bits b. hertz  c. bytes d. none of the above |

78. The difference between the Save and the Save As commands is that \_\_\_\_.

|  |  |
| --- | --- |
| a. | one is used when a new file without a name is open, and one is used with an existing file |
| b. | one is used with an existing file, and one is used when you need a new name |
| c. | one is used with an existing file, and one is used when you want to save in a new location |
| d. | all of the above |

79. A group of sectors is called a \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | file system | c. | track |
| b. | cluster | d. | folder |

80. A(n) \_\_\_\_ disk is a bootable CD, DVD, or other media that contains a complete copy of your computer’s hard disk as it existed when the computer was new.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | boot | c. | OS |
| b. | recovery | d. | complete |
|  |  |  |  |

81 A(n) \_\_\_\_ backup makes a copy of only those files that were added or changed since your last backup.

|  |  |  |  |
| --- | --- | --- | --- |
| a. incremental |  | b. parity |  |
| c. differential |  | d. incomplete |  |

82. To see a list of devices on your network, you can use your operating system's \_\_\_\_ utility.

|  |
| --- |
| a. file server b. destination  c. file management d. public |

83. Which one of the following is accurate in the context of Internet addresses?

a. IPv6 addresses such as 204.127.129.1 are dedicated to educational institutions.

b. Top level domains like EarthLink or AOL are adequate for most consumers.

c. A domain name, such as BAIDU.COM corresponds to a unique IP address.

d. A dynamic IP address begins with www.

84 To configure a file server, open a browser from any workstation, enter the file server’s \_\_\_\_ address, and provide the administrator ID and password.

|  |
| --- |
| a. SSID b. LAN  c. MAC d. IP |

85. Data transmission speeds are typically expressed as \_\_\_\_.

|  |
| --- |
| a. bits b. hertz  c. bytes d. none of the above |

86. \_\_\_\_ currently offers the fastest Internet access speeds.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ISDN | c. | Satellite |
| b. | DSL | d. | Cable |

87. Cable Internet service needs \_\_\_\_.

|  |  |
| --- | --- |
| a. | circuitry to handle Ethernet protocols and a cable modem |
| b. | a cable modem and router |
| c. | Internet protocols and a cable modem |
| d. | a cable modem and phone lines |

88. An Ethernet-compatible network standard designated as IEEE 802.16 is \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | WiFi | c. | WiMAX |
| b. | WiLAN | d. | WiMAN |

89. Portable Internet access includes all of the following EXCEPT \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | WiFi | c. | portable WiMAX |
| b. | portable satellite | d. | cellular |

90. Examples of 3G technologies include \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | EDGE | c. | HSUPA |
| b. | EV-DO | d. | all of the above |

91. Interim 4G technologies such as \_\_\_\_ have been deployed since 2009.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | LTE | c. | EV-DO |
| b. | ITE | d. | none of the above |

92. The \_\_\_\_ protocol allows the transfer of files from one computer to another over any TCP/IP network.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ftp | c. | P2P |
| b. | http | d. | GRID |

93 Sharing files on a LAN or the Internet requires open \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | ports | c. | sources |
| b. | domains | d. | channels |

94. \_\_\_\_ are intended to work within LANs to monitor and direct packets being transported from one device to another.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Routers | c. | Filters |
| b. | Gateways | d. | Firewalls |

95 One important security precaution when connecting your computer to public networks is to install a(n) \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | router | c. | office suite |
| b. | repeater | d. | remote PC |

96. When you purchase a textbook online from a site like www.amazon.com, you are participating in \_\_\_\_ e-commerce.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | C2C | c. | B2B |
| b. | B2C | d. | B2G |

97. Search engines are a key Web technology. When you use a search engine, you can be confident that:

a. Your searches will remain confidential.

b. Information accessed by a search engine is in the public domain.

c. Search engine results are totally impartial.

d. You can usually narrow a search by adding more key words.

98. Incoming mail can be stored on a(n) \_\_\_\_ server until it is downloaded to the inbox on your hard disk.

|  |
| --- |
| a. Webmail b. IMAP  c. POP3 d. SMTP |

99. When you purchase a textbook online from a site like www.amazon.com, you are participating in \_\_\_\_ e-commerce.

|  |
| --- |
| a. C2C b. B2B  c. B2C d. B2G |

100. \_\_\_\_ software is a type of security software designed to identify and neutralize Web bugs, ad-serving cookies, and other types of malware.

|  |
| --- |
| a. Antivirus b. Antispyware  c. Crawler d. Indexer |

101.Which of the following checks a Web server’s security certificate to determine if the site is legitimate?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | XML | c. | HTTPS |
| b. | TLS | d. | P2P |

102. Incoming mail can be stored on a(n) \_\_\_\_ server until it is downloaded to the inbox on your hard disk.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Webmail | c. | IMAP |
| b. | POP3 | d. | SMTP |

103.Webmail allows you to use a(n) \_\_\_\_ to access and view your e-mail messages.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | operating system | c. | browser |
| b. | server | d. | crawler |

104.An e-mail message in \_\_\_\_ format can include graphics in addition to a wide variety of fonts and font colors.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | HTML | c. | ASCII |
| b. | MIME | d. | RTF |

105.When your browser fetches pages and graphics to form a Web page, it stores them in temporary files on your hard drive called a Web \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | cache | c. | converter |
| b. | plug-in | d. | source |

106. An HTTP exchange takes place over a pair of \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | sockets | c. | switches |
| b. | packets | d. | networks |

107. A \_\_\_\_ HTTP connection reuses the same HTTP connection to send and receive multiple requests.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | status | c. | server |
| b. | port-based | d. | persistent |

108. A \_\_\_\_ enables a Web server to keep track of your activity and compile a list of your purchases.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | cookie | c. | socket |
| b. | plug-in | d. | style sheet |

109. A(n) \_\_\_\_ adds HTML tags to a document, spreadsheet, or other text-based file to create an HTML document that can be displayed by a browser.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | online Web authoring tool | c. | HTML conversion utility |
| b. | Web authoring software program | d. | wiki |

110. \_\_\_\_ provides tools specifically designed to enter and format Web page text, graphics, and links.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | A text editor | c. | Web Creator |
| b. | Web authoring software | d. | W3C |

## （三）Term Explanation

1. Digitization:
2. executable file：
3. Motherboard：
4. User Interfaces
5. Smartphone:
6. TCP/IP
7. Computer program:
8. Application software:
9. Source code:
10. User Interfaces
11. Graphics software:
12. Save As:
13. ROM BIOS：
14. E-commerce :
15. Microcontrollers
16. peer-to-peer:
17. Hypertext
18. Search engine：
19. Boot：
20. HTML

## （四）、Essay

1. What is the digital revolution? How it happens?

ANS: The digital revolution is an ongoing process of social, political, and economic change brought about by digital technology, such as computers and the Internet. And it revolves around a constellation of technologies, including digital electronics, computers, communications networks, the Web, and digitization

2. What are the differences between RAM and hard-disk storage?

3. Give some File Management Tips.

4. Describe the HTML .

5. What is the difference between vertical market software and horizontal market software? Provide at least one example of each kind of software.

6. Are handheld devices computers?

7. Why do ASCII and Extended ASCII provide codes for 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9?

8. Describe the characteristics of viruses, Trojan horses, worms, and Denial of Service attacks.

9. How many E-commerce forms are there?

10. What should you consider if your network stops working?

11. Describe the E-mail technology.

12. Describe 5 Internet Services

13. What is the user interface?

14. List at least 5 protocols used on the Internet and their function.

15. What is the Web 2.0?

16. Describe the network setup steps.

17. Discuss the use of support programs and data files as a component of software.

18. What is the Web Browser ? Plsease list at least 5 web browsers you know.

19. Describe how Search Engine works .

20. What is the difference between portable Internet access and mobile Internet access?