**2015级《COMPUTRT CONCEPT》复习纲要**

**带答案版 ver.20160111.013**

## (一)True/False

1. A bit is a binary digit(二进制数字), such as a 1 or 0.***(T)***
2. A computer can work without a memory. ***(F)***
3. The list of codes for a microprocessor’s instruction set(指令系统) is called machine language. ***(T)***
4. C, C++, and Java are examples of programming languages. ***(T)***
5. A computer’s operating system is a type of application software. ***(F)***
6. A compiler converts source code to object code(目标代码). ***(T)***
7. Cloud computing provides access to information, applications, communications, and storage over the Internet.***(T)****?*
8. Cloud computing is the term given to analyzing cloud patterns(图案) and, with the help of the computer, predicting the weather.***(F)***
9. ROM is a type of memory that holds the computer’s startup routine(启动程序).***(T)***
10. When formatting a disk, the disk is divided into tracks(轨道).***(T)***
11. A computer network is a group of computers linked by wired(有限) or wireless(无线) technology to share data and resources.***(T)***
12. Digital technologies(数字技术) and communications networks make it easy to cross cultural(文化) and geographic boundaries(地理界限)***(T)***
13. A WAN provides connectivity within a limited geographical area, usually spread over several buildings. ***(F)*** *ans:80miles*
14. A compiler converts and executes(执行) one statement(语句) at a time while the program is running. ***(F)***
15. A computer’s operating system is a type of application software.***(F)***
16. Database software stores information in HTML codes. ***(F)***
17. The two main categories(类别) of software are application software and system software. ***(T)***
18. A microprocessor(微处理器) is an integrated circuit(集成电路) designed to process instructions ***(T)***
19. Solid state storage(固态存储) is a technology that stores data in erasable(可擦写), rewritable circuitry(电路). ***(T)***
20. Today, most peripheral devices(外围设备) are connected to a computer by USB port. ***(T)***
21. When using Windows, you cannot use a reserved(保留的) word, such as Aux, as a file name.***(T)***
22. In a hard disk, partitions are the same thing as folders.***(F)***
23. Too much dependence on virtual memory can have a negative effect on your computer's performance because getting data from a mechanical(机械设备) device is much slower than getting data from an electronic device(电子设备).***(T)***
24. A clock cycle(时钟周期) is the smallest unit of time in a microprocessor’s universe, and each instruction requires exactly(整整) one clock cycle.***(F)***
25. Word processing software and operating systems are examples of application software.***(F)***
26. The Web is a collection of linked documents, graphics, and sounds that can be accessed over the Internet ***(F)***
27. The Internet backbone(互联网骨干网) is a network of high-capacity(大容量) communications links that provides the main routes for data traffic across the Internet. ***(T)***
28. The computers and software that store and distribute(分发) Web pages are called Web clients. ***(F)***
29. For many client-based e-mail systems, a POP server handles incoming mail, and a SMTP server handles outgoing mail. ***(T)***
30. Ethernet simultaneously(同时) broadcasts data packets to all network devices.***(T)***
31. Wireless networks are more safe than wired networks. ***(F)***
32. An IP address is a series of numbers used to identify(辨认) a network device
33. TCP, IP, UDP, HTTP, and FTP are examples of protocols(协议) used on the Internet.***(T)***
34. 211.87.225.127 is a valid IP address.***(T)****？*
35. All IP addresses are static.***(F)***
36. IP breaks a message or file into packets. ***(F)***
37. When a file is deleted, the clusters(簇) that contain the file are erased immediately. ***(F)***
38. Wi-Fi is not compatible(兼容) with Ethernet.***(F)***
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".***(T)***
40. Today’s VoIP systems allow you to use a standard telephone handset(标准电话听筒) to make or receive calls.***(T)***
41. Most people are aware of(意识到) the privacy issues associated(关联) with location-enabled devices. ***(F)***
42. Public key encryption uses a public key to encrypt messages, but a private key is required to decrypt messages.***(T)***
43. Downloaded software is usually zipped to decrease download time.***(T)***
44. A software worm can replicate(复制) itself.***(T)***
45. Utility software(工具软件) is a type of application software.***(F)***
46. Database software provides tools for specifying fields(指定领域) for a series of records.***(T)***
47. Security software is designed to protect computers from various forms of destructive(破坏的) software and unauthorized(肆意的) intrusions ***(T)***
48. In a network, a server is a computer that provides services to other computers called peers .***(F)***
49. Wireless networks are less secure than wired networks.***(T)***
50. http://www.sdu.edu.cn is an example of a URL.***(T)***
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.***(T)***
52. Portable(便携式) Internet access includes Mobile WiMAX and Wi-Fi.***(F)***
53. In the binary number system, 2 is used to represent the value ***(F)***
54. A compiler converts and executes one statement at a time while the program is running.***(F)***
55. Because most digital devices are electronic, bits take the form of electrical pulses(电脉冲).***(F)***
56. Facebook and Twitter are examples of social networking options.***(T)***
57. IP breaks a message or file into packets.***(F)***
58. Wireless networks are more safe than wired networks. ***(F)***
59. RAM is volatile(易失的), which means it must constantly(一向) receive electric power to hold data.***(T)***
60. The number of horizontal(横) and vertical(竖) pixels(像素) that a device displays on a screen is referred to as its screen resolution(屏幕分辨率).***(T)***
61. Antivirus software does not require any updates.***(F)***
62. When formatting a disk, the disk is divided into tracks.***(T)***
63. P2P file sharing allows users to obtain(获得) files from other users on the Internet.***(T)***
64. Downstream speed is the rate of data transmitted from your computer to the Internet.***(F)***
65. An Internet forum is a Web-based online discussion site where participants(参与者) post comments to discussion threads.***(T)***
66. Any access to data or programs by hackers, criminals(犯人), or other unauthorized persons is called intrusion(入侵)***(T)***
67. The framework for an HTML document consists of two sections(部分): a head and a body.***(T)***
68. A C2C e-commerce transaction occurs when individual(个人) consumers purchase goods and services from online merchants(商人).***(F)***
69. Every Web page has a unique address called a(n) Uniform Resource Locator.***(T)***
70. A Web crawler(爬虫) is a computer program that is automated to methodically visit Web sites.***(T)***
71. Web authoring software(网页制作软件) provides tools specifically designed to enter and format Web page text, graphics, and links.***(T)***
72. Public Wi-Fi hotspots provide mobile Internet access.***(T)***
73. A firewall is software or hardware designed to filter out suspicious(可疑) packets attempting(尝试) to enter or leave a computer ***(T)***
74. Explorer, Safari, Firefox, and Chrome are examples of Web browsers.***(T)***
75. A Web crawler is type of virus that affects cookies.***(F)***
76. The www in a URL is part of a domain name.***(F)***
77. E-mail is based on store-and-forward(存储和转发) technology.***(T)***
78. If you turn off cookies, you may not be able to make online purchases at some sites.***(T)***
79. One of the most common ways of gaining unauthorized access to a network is by looking for open ports.***(T)***
80. A(n) spam filter(垃圾邮件过滤器) captures unsolicited(不请自来) e-mail messages before they reach your inbox. ***(T)***

## （二）Multiple Choice

1. The binary number 10 represents \_***(b)***\_\_\_ in the decimal(十进制) 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)***\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| 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 \_***(b)***\_\_\_.

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

4.. A \_\_***(c)***\_\_ is a series of characters that becomes a person’s unique identifier(唯一标识符).

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

5. In terms of an authentication(认证) protocol, the phrase(短语) ‘something a person possesses(拥有)’ could refer to \_\_***(b)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| 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) \_***(c)***\_\_\_.

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

7. Adobe Reader works with files stored in standard \_\_***(a)***\_\_ format.

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

8. \_\_***(c)***\_\_ searches are simply a collection of words relevant(相应) to a search.

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

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

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

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

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

11. The main directory maintained(保留) by your computer’s operating system is the \_***(a)***\_\_\_ 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 \_\_***(b)***\_\_.

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

13. Application software is designed to accomplish(完成) \_***(b)***\_\_\_\_ tasks.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | computer-centric(以计算机为中心) | c. | gaming |
| b. | real-world | d. | only operating system |
|  |  |  |  |

14. \_\_***(d)***\_\_ 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 \_***(c)***\_\_\_ for the computer’s processor.

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

16. Unlike disk storage, most RAM is \_\_***(d)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | virtual | c. | non-volatile(非易失性) |
| b. | Integrated(集成) | d. | Volatile(易失性) |

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

|  |
| --- |
| 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?***(c)***

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(瞎扯) word.

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

19. A compute-intensive(计算密集型) problem runs on a \_***(b)***\_\_\_.

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

20. RAM can be thought of as the \_\_***(b)***\_\_ 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 \_\_***(b)***\_\_.   |  | | --- | | 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(多才多艺)? ***(d)***

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 \_\_\_***(c)***\_ to store parts of a program or data file until they are needed.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | volatile memory | c. | virtual memory |
| b. | capacitor memory(电容器存储) | d. | integrated memory(集成内存) |

24. A(n) \_\_***(d)***\_\_ computer is a small, lightweight(轻量级) personal computer with screen, keyboard, storage, and processing components(处理组件) integrated(集成) into a single unit.

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

25. \_\_***(d)***\_\_ 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 \_***(c)***\_\_\_ for the computer’s processor.

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

4. How is a magnetic disk(磁盘) drive read? ***(c)***

a. through a laser beam(激光束) b. sequentially(顺序) c. randomly d. in sequential blocks(顺序块)

27. A \_***(b)***\_\_\_ is a physical path or a frequency(频率) used for signal transmissions.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | logical channel(逻辑通道) | c. | connecting link |
| b. | communications channel | d. | node link |

28.A hard disk \_***(c)***\_\_\_ is a flat, rigid disk made of aluminum or glass and coated(涂) with magnetic iron oxide particles(磁性氧化铁颗粒).

|  |  |  |  |
| --- | --- | --- | --- |
| a. | window | c. | Platter(大盘子) |
| b. | fragment | d. | control unit |

29. Personal computer hard disk platters typically have storage capacities(容量) ranging from 40 GB to \_***(d)***\_\_\_.

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | solid state | c. | magnetic |
| b. | Bubble(泡沫) | d. | Optical(光纤) |

31. Which of the following is an example of a recordable optical storage medium?***(d)***

|  |  |  |  |
| --- | --- | --- | --- |
| 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)***

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

33. On a home network, file \_\_***(a)***\_\_ 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 \_***(c)***\_\_\_.

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | pointing stick | c. | Trackball(轨迹球) |
| b. | Trackpad(触控板) | d. | Joystick(操纵杆) |

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

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

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

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

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

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Antivirus | c. | Antispyware |
| b. | Crawler | d. | Indexer(索引) |

40. 3G technologies have speeds ranging from 200 Kbps to \_***(d)***\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| 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? ***(b)***

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?***(c)***

a. Word processing software b. Spreadsheet(电子表格) software.

c. Database software d. Groupware(群件)

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(说明) that to keep using it, you will have to pay. This software is an example of all of the following EXCEPT: ***(d)***

a. Proprietary software(专有软件) b. Open source software

c. Commercial software(商业软件) d. Demoware

44. C, BASIC, COBOL, and JAVA are examples of \_***(d)***\_\_\_ programming languages.

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

45. A(n) \_\_***(a)***\_\_ 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) \_\_\_\_***(c)***\_ helps people locate information on the Web by formulating(制定) 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 \_\_\_***(c)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| 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 \_\_\_***(a)***\_\_ 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 \_\_***(c)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Thesaurus(词库) | c. | readability formula(可读性公式) |
| b. | grammar checker | d. | paragraph checker |

50. When you purchase a textbook online from a site like www.amazon.com, you are participating in \_***(b)***\_\_\_ 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) \_\_***(b)***\_\_.

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Help | c. | Data |
| b. | Resident(居民) | d. | Local |

53. When you install a local application, all of its files are placed in the appropriate(适当) folders on your computer's hard disk, and then your computer performs any software or hardware \_\_\_***(c)***\_\_ 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 \_***(c)***\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | copy and sell to a friend | c. | copy and keep as backup |
| b. | copy and give to a friend | d. | Modify(修改) |

55. Web applications are \_***(c)***\_\_\_.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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, \_\_***(c)***\_\_ allows multiple parts to run simultaneously(同时).   |  |  |  |  | | --- | --- | --- | --- | | a. | Multitasking | b. | Multiprocessing | | c. | Multithreading | d. | Multicomputing | |

57. Networks need to communicate with each other. What is the key to network intercommunication(互通)? ***(b)***

a. Circuit switching(电路交换) b. Network protocols

c. Network topology d. Peer-to-peer technology(对等网络技术)

58. A \_***(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. \_***(b)***\_\_\_ searches are simply a collection of words relevant to a search.

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

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? ***(b)***

a. Use a file server.

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

c. Designate(指派) 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 \_\_***(d)***\_\_ software.

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

62. Security suites can be ***(d)***\_\_\_\_.

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

63. A virus signature(签名) is a \_\_***(b)***\_\_.

|  |  |
| --- | --- |
| a. | type of utility that looks for and eradicates(铲除) viruses |
| b. | Unique(独特) series of instructions to defend against malicious(恶意的) 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 \_***(d)***\_\_\_.

|  |  |
| --- | --- |
| a. | number of applications |
| b. | variety of hardware platforms on which it runs |
| c. | its ability to do handwriting recognition |
| d. | Reliability(可靠性) |

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

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

66. The strengths of Mac OS include \_***(a)***\_\_\_.

|  |  |
| --- | --- |
| 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 \_\_***(b)***\_\_.

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

68. \_***(c)***\_\_\_ 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. \_\_***(d)***\_\_ 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. \_\_***(a)***\_\_ 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(能力) available from application software include \_\_***(d)***\_\_ files.

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Identifier(识别码) | c. | tag |
| b. | description | d. | meta data |
|  |  |  |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. incremental(增量) |  | b. parity |  |
| c. differential(差别) |  | d. incomplete |  |

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

|  |
| --- |
| a. file server b. destination(目的地)  c. file management d. public |

75. Which one of the following is accurate(准确) in the context of Internet addresses? ***(c)***

a. IPv6 addresses such as 204.127.129.1 are dedicated(专用) to educational institutions(机构).

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

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

d. A dynamic(动态) IP address begins with www.

76. To configure a file server, open a browser from any workstation, enter the file server’s \_\_***(d)***\_\_ 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)***\_\_.

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

78. The difference between the Save and the Save As commands is that ***(c)***\_\_\_\_.

|  |  |
| --- | --- |
| 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(扇区) is called a \_\_***(b)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | file system | c. | Track(磁道) |
| b. | Cluster(簇) | d. | folder |

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. incremental |  | b. parity(平价) |  |
| c. differential |  | d. incomplete |  |

82. To see a list of devices on your network, you can use your operating system's \_***(c)***\_\_\_ 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? ***(c)***

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 \_\_***(d)***\_\_ 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)***\_\_.

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

86. \_\_\_***(d)***\_ currently offers the fastest Internet access speeds.

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

87. Cable Internet service(有线互联网服务) needs \_\_***(a)***\_\_.

|  |  |
| --- | --- |
| a. | Circuitry(电路) 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 \_\_***(c)***\_\_.

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

89. Portable Internet access(便携式互联网接入) includes all of the following EXCEPT \_***(d)***\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | WiFi | c. | portable WiMAX |
| b. | portable satellite | d. | Cellular(蜂窝网络) |

90. Examples of 3G technologies include ***(d)***\_\_\_\_.

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

91. Interim(临时) 4G technologies such as \_ ***(a)***\_\_\_ have been deployed since 2009.

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

92. The \_\_***(a)***\_\_ 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)***\_\_\_.

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

94. \_\_***(a)***\_\_ 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(预防) when connecting your computer to public networks is to install a(n) \_\_***(c)***\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| 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 \_\_***(b)***\_\_ 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:***(d)***

a. Your searches will remain confidential(机密).

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

c. Search engine results are totally impartial(公正).

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

98. Incoming mail can be stored on a(n) \_\_***(c)***\_\_ 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 \_***(c)***\_\_\_ e-commerce.

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

100. \_***(b)***\_\_ 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?***(c)***

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

102. Incoming mail can be stored on a(n) \_\_***(b)***\_\_ 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) \_\_***(c)***\_\_ to access and view your e-mail messages.

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

104.An e-mail message in \_\_***(a)***\_\_ 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)***\_\_\_.

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

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

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| a. | status | c. | server |
| b. | port-based | d. | Persistent(持续) |

108. A \_\_***(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) \_\_***(c)***\_\_ 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. \_\_***(b)***\_\_ 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(数字化):

*Digitization is the process of converting text, numbers, sound, photos, and video into data that can be processed by digital devices.*

*数字化是指将文本、数字、声音、照片和视频转化为数字设备可处理的数据的过程。*

1. executable file：

*An executable file contains the programs or instructions that tell a computer how to perform a specific task.*

*一个可执行文件包含了程序或指令，告诉计算机怎样完成一系列的工作*

1. Motherboard：

*The motherboard is the computer's main circuit board and it houses all essential chips and provides connecting circuitry between them*

*主板是计算机的主电路板，掌控着所有必须的芯片并提供他们之间的电路连接。*

1. User Interfaces

*用户界面是用来帮助用户与计算机交互的软件与硬件的结合。*

1. Smartphone:

*A smartphone now is defined as a personal digital device that in addition to voice communication, includes features such as full qwerty keypad, text messaging, e-mail, Web access, removable storage, camera, FM radio, digital music player, and many software options, financial management, personal organizer, GPS, and maps,etc..*

*智能手机是有包括语音通讯在内，标准袖珍键盘、文本信息、电子邮件、Web接入、移动存储、摄像头、无线调频广播、数字音乐播放器，以及游戏、财务管理、个人 记事本、GPS和电子地图等软件功能的数字设备。*

1. TCP/IP

*TCP/IP is the primary protocol suite responsible for message transmission on the Internet. TCP (Transmission Control Protocol) breaks a message or file into packets. IP (Internet Protocol) is responsible for addressing packets so they can be routed to their destination.*

*TCP/IP 是指负责因特网上消息传输的主协议组。TCP能够将消息或文件分成包，IP负责各种包加上地址以便它们能够路由到各自目的地。*

1. Computer program:

*A computer program is refer to as the series of instructions that tells a computer how to carry out processing tasks.*

*计算机程序是指一系列控制计算机处理任务的指令*

1. Application software:

*Application software is a set of computer programs that helps a person carry out a task.*

*应用软件是用来帮助用户完成实际任务的*。

1. Source code:

*Source code is a kind of human-readable version of a program created in a high-level language by a programmer.*

*源代码是一种由程序员用高级语言编写的人类可读版本的程序*

1. User Interfaces *同4*
2. Graphics software:

*A kind of software designed to help you create, manipulate, and print, normally includes paint software, photo editing software, drawing software,3-D graphics software, CAD software, presentation* *software.*

*图形软件是指用来创建、处理和打印图形的软件。通常包括绘图软件、照片编辑软件、画图软件、三维图形软件、CAD软件和演示软件。*

1. Save As:

*It is an file operation option that allows you to select a name and storage device for a file, whereas the Save option simply displays the latest version of a file under its current name and at its current location.*

*另存为选项允许为这个要保存的文件选择名称与存储设备，而保存选项则是简单地将文件的最新版本以当前名称保存在当前位置。*

1. ROM BIOS：

*Basic Input Output System stored on ROM chip, tell the computer how to access the hard disk, find the operating system, and load it into RAM*

*储存在ROM芯片上的基本输入输出系统，告诉计算机如何访问硬盘，找到操作系统并加载到内存*

1. E-commerce(电子商务) :

*Electronic Commerce，business of buying and selling products online.*

*电子商务是指在线购买销售产品的商业活动*

1. Microcontrollers

*Microcontrollers are special purpose microprocessors that can be embedded in devices such as refrigerators, cars, and washing machines.*

1. peer-to-peer(点对点):

*A peer-to-peer network (sometimes called P2P) treats every computer as an “equal” so that workstations can store network data, which can be transported directly to other workstations without passing through a central server.*

*将每一台计算机视为对等的，一个工作站可以存储数据，它可以直接将数据输送到其他工作站而不许通过中央服务器*

1. Hypertext

*Hypertext is text displayed on a computer display or other electronic devices with references (hyperlinks) to other text which the reader can immediately access, or where text can be revealed progressively at multiple levels of detail (also called StretchText).*

1. Search engine：

*A search engine contains four components: a Web crawler, an indexing utility, a database, and a query processor.*

*搜索引擎包括四个部分：爬网程序、索引程序、数据库、查询处理器*

1. Boot：

*Power-on self-test、Identify peripheral devices and operating system loading*

*启动程序是指电源自检程序、识别外围设备和载入操作系统。*

1. HTML

*HTML超文本标记语言，是指创建HTML文档需要遵循的一组规范，这些文档可以在浏览器中显示为网页。创建者可以通过插入HTML标记来标记文档。*

## （四）Essay

1. What is the digital revolution(数字化革命)? 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?

*RAM把数据存放在与主板直接相连的线路中，而硬盘存储器把数据存放在磁介质上。RAM是临时性存储，而硬盘存储相对而言是永久性存储。*

3. Give some File Management Tips.

4. Describe the HTML .

*HTML超文本标记语言，是指创建HTML文档需要遵循的一组规范，这些文档可以在浏览器中显示为网页。创建者可以通过插入HTML标记来标记文档。*

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

*纵向市场软件用来自动完成特定的市场或企业中的特定工作。横向市场软件是几乎所有企业都能使用的软件。*

*Eg. Student record management software*

*Accounting software*

6. Are handheld devices computers?

*Handheld digital devices include familiar gadgets such as iPhones, iPads, iPods, Garmin GPSs, Droids, and Kindles. These devices incorporate many computer characteristics. They accept input, produce output, process data, and include storage capabilities. Handheld devices vary in their programmability and their versatility.*

***Handheld devices can be divided into two broad categories: those that allow users to install software applications (apps) and those that do not. Handheld devices that allow you to install applications can be classified as personal computers; devices that are not programmable cannot.***

*iPads and Droid phones, for example, offer access to a wide range of apps that include games, ebook readers, maps, comics, recipes, and news, which are tasks also performed by personal computers that sit on a desk or table (Figure 1-16).*

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

*计算机使用的字符码表示1,2,3等并不是用来计算数字，而是把它们当做字符数据。*

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

***计算机病毒****是一种程序指令集，他可以将自身附加到文件中，然后自我复制，传播到其他文件。可以自我复制，与产生有效负荷。*

***特洛伊木马****是一种看似执行某一功能其实在执行其他功能的计算机程序。不会向其他计算机传播，不会自我复制，但可以记录用户键盘信息，或有后门功能。*

***蠕虫病毒****指一种用来在受害者计算机上从事未授权活动的、能进行自我复制的程序。*

***拒绝服务****攻击能在网络上产生大量的活动，使服务器被无用的流量所淹没，这些流量完全超出服务器的处理能力并基本上可以使所有通信和服务中断。*

9. How many E-commerce forms are there?

*B2B B2C C2C B2G*

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

*电缆：确保所有网络电缆连接牢固。*

*信号强度：无线网络检查信号强度。*

*安全：网络需要密码时，确保密码正确且未过期。*

*干扰：出现过间歇性断网时，找出干扰源。*

*网络设备：确保网络设备（网络集线器、交换机、路由器或无线接入点）连接正常且正常工作*

11. Describe the E-mail technology.

*电子邮件是基于“存储-转发”技术发展而来的，该通信技术能把不能直接发送到其目的地的数据先临时存储起来，等数据传输可以进行时再将其发出去。这种技术使得电子邮件在转发到下一服务器或个人的电子邮箱之前，能够先被并存放到一个服务器上。*

12. Describe 5 Internet Services

*1)云计算: 云计算依靠一组服务器、存储设备和协议，它们提供从消费者层次的媒体共享到办公应用和复杂的公司数据处理的一系列可访问的互联网计算服务*

*2)论坛: 网络论坛是一个基于Web的在线讨论站点，在其上，参与者可以发观点来讨论问题*

*3)博客（网络日志的简称）: 是一个在线日记；它是由一个人维持并在一个或多个主题方面包含一系列的的条目*

*4)FTP:* *文件传输协议（英文：File Transfer Protocol，缩写：FTP）是用于在网络上进行文件传输的一套标准协议。它属于网络传输协议的应用层。*

*5)VoIP: 一种由IP网络传送话音的技术服务*

13. What is the user interface?

*用户界面是用来帮助用户与计算机交互的软件与硬件的结合。*

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

*TCP：创建连接并交换数据包*

*IP：为设备提供唯一的地址*

*HTTP:在Web上交换信息。*

*VoIP:在因特网上传送语音会话*

*FTP:在本地计算机和远程主机之间传输文件*

*POP：将电子邮件从电子邮件服务器传送到客户端收件箱*

*SMTP:将电子邮件从客户端计算机传送到电子邮件服务器*

15. What is the Web 2.0?

*Web 2.0是指代一些新兴的对Web的创造性使用方式。*

16. Describe the network setup steps.

*Router Installation（路由器安装）*

*Router Configuration（路由器的配置）*

*Internet Connection （Internet连接）*

*Device Connection（设备连接）*

***Setup Overview***

*Plug in the router （连接上路由器）*

*Connect the router to a computer （把路由器连接到一台计算机上）*

*Configure the router（配置路由器）*

*Access the router setup utility （存取路由器设置程序）*

*Create a new router password（创建新的路由器密码）*

*Enter an SSID for the network*

*Activate WEP, WPA, or PSK and create an encryption key（激活WEP，WPA，或PSK和创建加密键）*

*Connect an Internet access device（连接因特网接入装置）*

*Set up the wireless workstations （启动无线工作站）*

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

*支持程序是计算机运行时所需要的支持程序，可根据主程序的需要被调用或被激活。*

*数据文件包含完成任务所必须的但不由用户提供的各种数据*

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

*Web浏览器是一种能够显示网页元素并处理页面之间连接的客户端软件。*

*IE、Firefox、Google Chrome、Opera、360流氓浏览器*

19. Describe how Search Engine works .

*搜素引擎包括四个部分：爬网程序、索引程序、数据库和查询器。*

*爬网程序可以遍寻Web以收集网页内容的数据。*

*索引程序会处理爬网程序收集的信息，将其转换成储存在数据库中关键字列表和URL列表。*

*查询器允许用户通过关键字访问数据库并产生一个网页列表，列表包含查询的相关内容。*

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

*便携式因特网接入是指能够方便地将因特网设备从一个位置移动到另一个位置；移动互联网接入是指用户在走动或者乘坐交通工具时可为用户提供不间断因特网连接。*

**PS：出错概不负责 ----DCat**