

臺中健康暨管理學院
九十三年年度碩士班招生考試試題紙



系所別	組別	考試科目	考試日期	時間	備註
生物資訊研究所碩士班	—	計算機概論	93.5.3	10:30-12:10	共四頁

Identify the letter of the choice that best completes the statement or answers the question. (每題 2 分，共 100 分)

1. In the accompanying figure showing common ways to access the Internet, a(n) _____ is a larger business, such as AT&T WorldNet and EarthLink? that provides Internet access in several major cities and towns.
 - a. wireless service provider (WSP)
 - b. online service provider (OSP)
 - c. regional ISP
 - d. national ISP
2. In the accompanying figure showing common ways to access the Internet, a(n) _____ has many members-only features, such as special content and services, in addition to providing Internet access.
 - a. wireless service provider (WSP)
 - b. online service provider (OSP)
 - c. regional ISP
 - d. national ISP
3. In a Web address, the _____, is a set of rules that defines how pages transfer on the Web.
 - a. html, which stands for Hypertext Markup Language
 - b. www, which stands for World Wide Web
 - c. http, which stands for Hypertext Transfer Protocol
 - d. url, which stands for Uniform Resource Locator
4. To activate a link on a Web page, a user clicks it, that is, points to the link and then _____.
 - a. presses the left mouse button
 - b. moves the mouse up and down
 - c. presses the right mouse button
 - d. moves the mouse side to side
5. _____ consists of the sale of goods and services by a company to the general public.
 - a. Consumer-to-business (C2B) e-commerce
 - b. Business-to-consumer (B2C) e-commerce
 - c. Consumer-to-consumer (C2C) e-commerce
 - d. Business-to-business (B2B) e-commerce
6. The entire collection of Internet newsgroups is called _____, which contains thousands of newsgroups on a multitude of topics.
 - a. ARPANET
 - b. NSFnet
 - c. Drgnet
 - d. Usenet
7. A newsreader enables users to access a newsgroup to read previously entered messages, called _____.
 - a. stories
 - b. features
 - c. series
 - d. articles
8. A variation of the PGA, called the _____, places the chip on the opposite side of the pins.
 - a. clip chip-PGA (CC-PGA)
 - b. flip chip-PGA (FC-PGA)
 - c. trip chip-PGA (TC-PGA)
 - d. ship chip-PGA (SC-PGA)
9. A _____ has pins on opposite sides of the circuit board that connect together to form one set of contacts.
 - a. DIMM (dual inline memory module)
 - b. SIMM (single inline memory module)
 - c. RIMM (Rambus® inline memory module)
 - d. CIMM (Cantus® inline memory module)
10. Current processors include advanced transfer cache, a type of _____ built directly on a processor chip.
 - a. L1 cache
 - b. L2 cache
 - c. L3 cache
 - d. L4 cache
11. A(n) _____, which can be a peripheral or a chip, creates sound from digital instructions.
 - a. external bus
 - b. synthesizer
 - c. internal bus
 - d. audiometer
12. Bluetooth? technology is _____.
 - a. similar to a USB port in that it can connect multiple types of devices that require faster data transmission speeds
 - b. a special high-speed parallel port that allows users to attach peripherals such as disk drives and printers
 - c. a special type of serial port that connects the system unit to a musical instrument
 - d. an alternative to IrDA that uses radio waves to transmit data between two devices

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13. Nearly all keyboards, such as that shown in the accompanying figure, have a(n) _____ that switches between two states each time a user presses the key.
 - a. arrow key
 - b. function key
 - c. toggle key
 - d. numeric key
14. Kiosks often have _____.
 - a. trackballs
 - b. touchpads
 - c. touch screens
 - d. light pens
15. The most expensive and highest quality digital camera is a _____, which is a stationary camera used for professional studio work.
 - a. studio camera
 - b. plug-and-play camera
 - c. field camera
 - d. point-and-shoot camera
16. In a grocery store, a(n) _____ is a combination of an electronic cash register, bar code reader, and printer.
 - a. automated teller machine (ATM)
 - b. flatbed scanner
 - c. point of sale (POS) terminal
 - d. smart display
17. The process of a smart display is _____ than a Tablet PC.
 - a. less powerful and it contains a smaller amount of RAM
 - b. less powerful but it contains a larger amount of RAM
 - c. more powerful but it contains a smaller amount of RAM
 - d. more powerful and it contains a larger amount of RAM
18. A(n) _____ is a metal or plastic plate placed over the keyboard that allows users to rest their hands on the keyboard without accidentally pressing any keys.
 - a. toggle key
 - b. keyguard
 - c. on-screen keyboard
 - d. virtual keyboard
19. Standard CRT monitors today usually display up to a maximum of _____ pixels.
 - a. 16 x 12
 - b. 160 x 120
 - c. 1600 x 1200
 - d. 16,000 x 12,000
20. Manufacturers state video memory in _____.
 - a. megabytes
 - b. kilobytes
 - c. gigabytes
 - d. terabytes
21. Flat panel monitors and LCD screens produce color using either _____ technology.
 - a. CRT or gas plasma
 - b. impact or nonimpact
 - c. ink-jet or dot-matrix
 - d. passive matrix or active matrix
22. Two commonly used types of impact printers are _____.
 - a. ink-jet printers and laser printers
 - b. dot-matrix printers and line printers
 - c. photo printers and large-format printers
 - d. portable printers and thermal printers
23. Print cartridges for ink-jet printers cost approximately _____ each.
 - a. \$10
 - b. \$30
 - c. \$50
 - d. \$70
24. Laser printers, such as that diagrammed in the accompanying figure, use software that enables them to interpret a _____, which tells the printer how to lay out the contents of a printed page.
 - a. unified modeling language (UML)
 - b. page description language (PDL)
 - c. object-oriented language (OOL)
 - d. hypertext markup language (HTML)
25. Professionals in the desktop publishing and graphic art fields commonly use _____ because it is designed for complex documents with intense graphics and colors.
 - a. PCL
 - b. PageScript
 - c. UML
 - d. PostScript
26. Two types of _____ data projectors are LCD projectors and DLP projectors.
 - a. smaller, lower-cost
 - b. smaller, higher-cost
 - c. larger, lower-cost
 - d. larger, higher-cost

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27. To avoid damaging a floppy disk, do all of the following *except* _____.
 - a. avoid exposing the disk to heat, cold, or magnetic fields
 - b. open the disk shutter and touch its recording surface
 - c. avoid contaminants such as dust, smoke, or salt air
 - d. keep the disk in a storage tray that allows it to stand vertically
28. Like _____, hard disks store data magnetically.
 - a. floppy disks and Zip disks
 - b. CDs and microfilm
 - c. tape and DVDs
 - d. all of the above
29. A _____ occurs when a read/write head touches the surface of a hard disk platter, such as that shown in the accompanying figure, usually resulting in a loss of data and sometimes loss of the entire drive.
 - a. disk crash
 - b. head crash
 - c. drive crash
 - d. data crash
30. A hard disk spins much _____.
 - a. slower than a floppy disk and usually starts spinning only when it receives a read or write command
 - b. slower than a floppy disk but usually spins constantly
 - c. faster than a floppy disk but usually starts spinning only when it receives a read or write command
 - d. faster than a floppy disk and usually spins constantly
31. The drive designation of a CD or DVD drive usually _____.
 - a. precedes alphabetically before that of all the hard disks and portable disks
 - b. comes alphabetically between that of the hard disks and portable disks
 - c. follows alphabetically after that of all the hard disks and portable disks
 - d. comes alphabetically between that of the portable disks and hard disks
32. CDs and DVDs commonly store items in _____.
 - a. random locations anywhere between the center of the disc and the edge of the disc
 - b. multiple pie-shaped sections that break a track into arcs
 - c. a single track that spirals from the center of the disc to the edge of the disc
 - d. multiple concentric tracks from the center of the disc to the edge of the disc
33. DVD+RW drives can write on all of the following media *except* _____.
 - a. CD-R
 - b. DVD+RAM
 - c. CD-RW
 - d. DVD+RW
34. Tape _____.
 - a. no longer is used as a primary method of storage but is used most often for long-term storage and backup
 - b. is used as a primary method of storage and for long-term storage and backup
 - c. no longer is used for long-term storage and backup but is used most often as a primary method of storage
 - d. no longer is used as a primary method of storage or for long-term storage and backup
35. Windows XP includes an image viewer called _____.
 - a. Windows Picture and Fax Viewer
 - b. Windows Explorer
 - c. DriveSpace
 - d. Dr. Watson
36. Some stand-alone operating systems are called _____ because they also work in conjunction with a network operating system.
 - a. embedded operating systems
 - b. client operating systems
 - c. multitasking operating systems
 - d. server operating systems
37. A network server is a dedicated server that _____.
 - a. stores and manages files
 - b. manages printers and print jobs
 - c. stores and provides access to a database
 - d. manages network traffic (activity)
38. On a _____, such as that illustrated in the accompanying figure, all of the computers and devices (nodes) on the network connect to a central device.
 - a. bus network
 - b. ring network
 - c. star network
 - d. token ring network

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39. One popular use of the ____ standard is in public Internet access points that offer mobile users the ability to connect to the Internet with their wireless computers and devices.
 - a. Ethernet
 - b. token ring
 - c. TCP/IP
 - d. 802.11
40. For data transmission to occur, ____ of a standard telephone line must have a dial-up modem.
 - a. only the sending end
 - b. only the receiving end
 - c. both the sending and receiving ends
 - d. neither the sending nor receiving end
41. A networked computer in a house can _____.
 - a. share a single high-speed Internet connection
 - b. access files and programs on other computers in the house
 - c. share peripherals such as a printer, scanner, external hard disk, or DVD drive
 - d. all of the above
42. A(n) ____ extends the basic home network to include features such as lighting control, thermostat adjustment, and a security system.
 - a. peripheral home network
 - b. value-added home network
 - c. wired home network
 - d. intelligent home network
43. Verifiable information _____.
 - a. gives more value than it costs to produce
 - b. is arranged to suit the needs and requirements of a decision maker
 - c. has meaning to the person who receives it
 - d. can be proven as correct or incorrect
44. ____ is a common data type that consists of lengthy text entries.
 - a. Numeric
 - b. Memo
 - c. Object
 - d. Date
45. If the lowest monthly fee at a fitness center is \$20.25 and the highest is \$55.50, a(n) ____ on the Monthly Fee field ensures it is a value between \$20.25 and \$55.50.
 - a. range check
 - b. completeness check
 - c. consistency check
 - d. alphabetic/numeric check
46. A DBMS uses the ____ to perform validation checks.
 - a. data server
 - b. data mart
 - c. data warehouse
 - d. data dictionary
47. A manager would have ____ privileges to member data in a fitness club database.
 - a. read-only
 - b. write-only
 - c. full-update
 - d. no access
48. ____ language instructions use a series of binary digits (1s and 0s) or a combination of numbers and letters that represent binary digits.
 - a. Machine
 - b. Assembly
 - c. Procedural
 - d. Nonprocedural
49. In an application generator, a ____ enables a developer to create lists of commands for the application options.
 - a. counter
 - b. report writer
 - c. form
 - d. menu generator
50. A(n) ____ tests a condition at the beginning of the loop and repeats one or more times as long as the condition is true.
 - a. if-then-else control structure
 - b. case control structure
 - c. do-while control structure
 - d. do-until control structure

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