

大同大學 98 學年度轉學入學考試試題

考試科目：計算機概論

所別：資訊經營學系

第 1/2 頁

註：本次考試 不可以參考自己的書籍及筆記； 不可以使用字典； 不可以使用計算器。

A. Select the best answer (only one best). 40%

1. Many public locations are _____ that provide wireless Internet connections to users with mobile computers. (a) plug-ins (b) hot spots (c) Web logs (d) chat place
2. At a C2C Web site, a(n) _____ allows users to purchase from other consumers. (a) news server (b) online auction (c) wireless portal (d) shopping cart
3. In an e-mail address, a _____ is a unique combination of characters that identifies a specific user. (a) domain name (b) URL (c) user name (d) dot com
4. With database software, users can run a _____, which is a request for specific data from the database. (a) query (b) function (c) record (d) field
5. A _____, which can be used to upload and download files with other computers and on the Internet, is integrated in some operating systems. (a) FTP program (b) Web program (c) mail program (d) chat program
6. _____ is a 16-bit coding scheme that is capable of representing more than 65,000 characters and symbols, enough for almost all the world's current written languages. (a) Unicode (b) ASCII (c) Microcode (d) EBCDIC
7. The most widely used biometric device is the _____. (a) face recognition system (b) fingerprint scanner (c) hand geometry system (d) iris recognition.
8. _____ is the number of bits in an area on a storage medium. (a) Capacity (b) Density (c) KBps (d) Allocation unit
9. A(n) _____ is malware that does not replicate itself to other computers. (a) virus (b) Trojan horse (c) worm (d) adware
10. A(n) _____ is a legal agreement that allows multiple users to access the software on a server simultaneously. (a) site license (b) EDI (c) value-added network (d) network license
11. _____ consists of a single copper wire surrounded by at least three layers. (a) Fiber-optic cable (b) Coaxial cable (c) Twisted-pair cable (d) Infrared
12. Two types of wireless home networks are _____. (a) Ethernet and powerline (b) phonenumber and HomeRF (c) Ethernet and Wi-Fi (d) HomeRF and Wi-Fi.
13. A Web site that uses _____ to secure its data is known as a secure site. (a) hypertext (b) decryption (c) encryption (d) social engineering
14. _____ is a system that attempts to imitate the behavior of the human brain (a) memory (b) a neural network (c) E-commerce (d) a kiosk.
15. When an OS spends much of its time paging, instead of executing program, it is said to be _____. (a) booting (b) thrashing (c) spooling (d) formatting
16. _____ used only a command-line interface. (a) Windows XP (b) DOS (c) Mac OS X (d) all of the above
17. A _____ is a small program that tells the OS how to communicate with a specific device. (a) buffer (b) device (c) performance monitor (d) driver
18. _____ usually are installed in internal bays. (a) CD drivers (b) Zip drivers (c) Hard disk drivers (d) Tape drivers
19. _____ keys are special keys programmed to issue commands to a computer. (a) Toggle (b) Arrow (c) Function (d) Tab
20. With _____, the computer will detect human motion. (a) an on-screen keyboard (b) an optical mouse (c) a computerized implant (d) gesture recognition
21. Printer resolution is measured by the number of _____. (a) pages per minute (b) dots per inch (c) lines per minute (d) pixels per inch
22. A _____ is a coffeehouse that provides Internet access. (a) hot spot (b) LAN (c) home network (d) cybercafe
23. _____ is the process of obtaining a program instruction or data item from memory. (a) Fetching (b) Decoding (c) Executing (d) Storing
24. A _____ controls access to the resources on a network. (a) server (b) workstation (c) client (d) tower
25. The series of input, process, output, and storage sometimes is referred as the _____ cycle. (a) information processing (b) computer programming (c) data entering (d) Web browsing

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第 2/2 頁

註：本次考試 不可以參考自己的書籍及筆記； 不可以使用字典； 不可以使用計算器。

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A. Select the best answer (only one best). 45%

26. A(n) _____ restricts access to specified Web sites. (a) anti-spam program (b) spyware remover (c) Web filter (d) antivirus software
27. _____ is not a step in Web publishing. (a) Planning a Web site (b) Deploying a Web site (c) Creating a Web site (d) Moderating a Web site
28. Use _____, such as :) for smile and :(for frown, to express emotions in e-mail. (a) flames (b) spam (c) spoilers (d) emoticons
29. _____ is the electronic equivalent of a user manual. (a) Online Help (b) Wizards (c) Online banking (d) Distance learning
30. A(n) _____ is a unique number that identifies the location of a byte in memory. (a) register (b) byte (c) address (d) bit
31. _____ is a series of instructions that tells a computer what to do and how to do it. (a) Data (b) A program (c) Online manual (d) A user response
32. A _____ port is an interface that connects devices by transferring more than one bit at a time. (a) serial (b) parallel (c) USB (d) mouse
33. The number of colors a graphics processing unit displays is determined by _____. (a) color bandwidth (b) pixel pitch (c) dot pitch (d) bit depth
34. _____ storage requires sequential access. (a) DVD (b) Tape (c) Floppy disk (d) Microfilm
35. A _____ is a collection of related records. (a) data character (b) key field (c) data file (d) database
36. _____ information has an age suited to its use. (a) Timely (b) Organized (c) Cost-effective (d) Verifiable
37. A _____ is a malicious-logic program. (a) virus (b) Trojan horse (c) worm (d) all of the above
38. When a computer uses TCP/IP to send data over the Internet, the data is divided into small pieces, or _____. (a) tokens (b) packets (c) hubs (d) nodes
39. To _____ a file means to make a copy of it. (a) inoculate (b) back up (c) quarantine (d) encrypt
40. The encrypted (scrambled) data is called _____. (a) hypertext (b) ciphertext (c) subtext (d) plaintext

B. Write a detailed answer to each of the following questions.

1. Why the computer literacy is so important? What are the symptoms of a user with computer addiction? 10%
2. What is the telecommuting? Why do people telecommute? 10%
3. What are pipelining and parallel processing? How do both of them affect the computer processing speed? 15%
4. Explain the meaning of Netiquette. Outline four major rules of Netiquette. 10%
5. Explain the following terms: e-commerce, IP address, URL, extranet, and RFID. 15%

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