

資訊能力會考 E

一. Single Choice Question(100%)

1. ( C ) Which of the following does not meet the relevant characteristic of the goal of information security? (A) Privacy (B) Integrity (C) Soundness (D) Undeniable
2. ( A ) Computer hackers refer to? (A)People who break into computer systems in an unauthorized way. (B)Damage computers of others only through computer viruses. (C)Control computers of others via Trojan horse. (D)Paralyze the Internet.
3. ( C ) If a user's email is test@mail.micro.com.tw, which of the following statements is not true? (A)the user uses the mail server at mail.micro.com.tw (B)the user has the account test at the mail server (C)the mail server belongs to a government agency (D)the mail server is located in Taiwan
4. ( A ) \_\_\_\_\_ is composed of symbols, numbers, and graphics that refer to, or represent, conditions, ideas, or objects, and it has no specific meanings in raw or unorganized form. (A)Data (B)Information(C)Graphics (D)Alphabets
5. ( B ) Which of the following is not correct about MIDI? (A)Comparing to the audio file, the MIDI file is very large (B)MIDI file contains digital signals(C)it is necessary to use MIDI editor to edit MIDI files (D)the extension file name of MIDI is MIDI
6. ( D ) The features of Tablet PC do not include? (A)Light and short (B)Support for wireless networks (C)A portable microcomputer(D)Call the phone
7. ( C ) Which of the following transmission media is the fastest? (A)Twisted pairs cable (B)Coaxial cable (C)Fiber optics cable (D)Telephone line
8. ( B ) Which of the following uses cable television wiring as a medium for data transmission? (A)ATM (B)Cable Modem (C)ISDN (D)ADSL
9. ( D ) "Bluetooth" technology refers to a (A) Image processing technology (B) Digital music technology (C) Virtual reality technology (D) Wireless communication technology
10. ( B ) For a symmetric encryption system, what must be shared between the sender and the receiver? (A)the public key (B)the encryption and decryption key(C)the private key (D)the network system
11. ( D ) Which of the following statements is incorrect? (A)Text is a part of computer multimedia (B)In order to save storage space, the text compression is using the compression mode without distortion (C)BIG5 is encoded in 16 bits (D)Texts are not compressible
12. ( B ) Which of the following is not a feature for denial-of-service? (A)

- Sending a large number of network packets at the same time, causing the victim computer to be paralyzed (B) In addition to the network paralyzed, computer hardware may also be destroyed (C) Use multiple springboards as an attack host (D) Common attacks are decentralized attacks
13. ( B ) Which of the following is to help users to type for capitalization?  
(A)Backspace (B)Caps Lock (C)Enter (D)ESC
  14. ( A ) URL is "http://www.tku.edu.tw: 80/Chinese/LibResource/index.htm."  
"www.tku.edu.tw" is \_\_\_\_\_ . (A)Server name (B)port number  
(C)communication portocol (D)server type
  15. ( D ) Which of the following attributes belong to the privacy of the individual?  
(A)name (B)voice (C)portrait (D)all of the aove
  16. ( B ) In infrastructure mode, a single access point together with all associated stations (STAs) is called a \_\_\_\_\_. (A)Cell (B)Basic Service Set  
(C)Boundary (D)Indenpent Basic Service Set
  17. ( A ) What are the following data units in ascending order? (A)KB MB GB TB  
(B)KB MB TB GB (C)KB GB MB TB (D)TB MB KB GB
  18. ( B ) Which of the following protocol is the working principle for the instant messaging software to establish a connection between the two ends of the network (A) E-mail exchange protocol (B) Point-to-point protocol (C) Packet Exchange protocol (D) Data transmission protocol
  19. ( D ) What is infringement? (A) Paid to buy genuine software (B)  
Download free software to use (C) Send a free greeting card to a friend (D)  
Download MP3 and then send someone else
  20. ( B ) Common e-mail protocols are not including: (A)SMTP (B)FTP  
(C)POP3 (D)All of the above
  21. ( D ) Which of the followings is not an operation of file maintenance?  
(A)Reorganize records (B)Add new records (C)Delete records (D)None of  
the above
  22. ( B ) What is the relationship between information strategy and business  
strategy? (A)No relationship (B)Combined correspondence relationship  
(C)Equivalence relationship (D)Containment relationship
  23. ( B ) What is the intrusion of computer viruses owing to? (A)Hardware  
failure (B)Human error (C)Natural disaster (D)coincidence
  24. ( D ) Which of the followings is not one of the technologies used in  
synchronous distance learning system? (A)Chat rooms (B)Instant messenger  
(C)Real-time lecture playback system (D)E-mail system
  25. ( D ) Screen, Printer, headset, speaker are hardware devices. Which of the five  
basic computer components are they? (A)Input unit (B)Controll unit

- (C)Arithmetic and logic unit (D)Output unit
26. ( C ) Which of the following is to represent Amazom.com? (A)B2B  
(B)C2B (C)B2C (D)C2C
27. ( D ) What types of memory does the USB flash drive use? (A)SRAM  
(B)DRAM (C)EPROM (D)Flash ROM
28. ( B ) What is the main factor in the rise of ConsumerCancel C2C (Consumer to Consumer)? (A)ATM automatic transfer (B)Internet convenience  
(C)Guarantee of digital signature (D)MSN popularity
29. ( D ) While wandering in desert or icefield without any directional signs, what kind of technology can we depend on? (A)Web phone (B)Voice recognition  
(C)Web ATM (D)GPS
30. ( B ) A higher compression quality level of a JPEG image optimizer indicates:  
(A)Both the image quality and the compression ratio are higher  
(B)The less the compression ratio, the higher the image quality (C)The greater the compression ratio, the poorer the image quality (D)Both the image quality and the compression ratio are lower.
31. ( D ) The function of a router is to determine a route to send data to its destination through the networks. In which layer of the OSI architecture the routing takes place? (A)Transport Layer (B)Application Layer (C)Physical Layer (D)Network Layer
32. ( D ) To the efficiency of the program execution, in addition to the correct design of the program itself, which of the following factors is the most important one? (A)Looking for good programmers (B)Write the program clearer (C)Better programming language (D)Use good algorithm
33. ( A ) To turn binary 11010110 into 2's complement, and expressed in the hexadecimal form, what is that? (A)2A (B)2B (C)2C (D)2D
34. ( B ) If many computer files are found to distribute noncontiguously in various locations of the hard drive, what tool should be used so that data of each file is located contiguously to improve access efficiency? (A)the disk scan tool  
(B)the disk defragmentation tool (C)the disk partitioning tool (D)the disk backup tool
35. ( B ) After data processing, we can obtain different \_\_\_\_\_ that contains specific meaning and can be used in other applications? (A)Data  
(B)Information(C)Graphics (D)Texts
36. ( A ) What is the disadvantage of the wireless local network? (A)Radio waves interfere (B)the network nodes are not mobile (C)high cost (D)it doesn't provide network roaming service
37. ( C ) Which of the following services uses computers and networks to process

- business orders and bank transfers? (A)Internet banking(B)Distance learning  
(C)e-Commerce (D)Teleconferencing
38. ( B ) The origin of the Internet? (A)Microsoft Windows System (B)U.S. Department of Defense Internet Program (C)IBM Computer Corporation  
(D)American University Network
39. ( D ) Which one is correct in the following?  
(A)Binary(01001111)=Hexadecimal(4E)  
(B)Hexadecimal(445)=Decimal(1330) (C)Decimal(100)=Binary(01110010)  
(D)Hexadecimal(1234)=Decimal(4660)
40. ( C ) MMS is a multimedia application on what device? (A)Radio (B)TV  
(C)Smart phone (D)Camera
41. ( B ) Because the tape drive has a large capacity and low price characteristics. General computer systems are most often used the tape drive as \_\_\_\_\_ equipment. (A) Operating system installation (B) Data backup (C) Application installation (D) Configuring Virtual Memory
42. ( D ) Which of the following is not a computer feature? (A)Fast data processing speed (B)Huge storage capacity (C)Easy data transmission  
(D)Low accuracy
43. ( A ) When we buy a new hard drive, we usually conduct disk partition, then each partition must be carried out \_\_\_ to establish tracks and sectors, so you can use the hard disk to store data files . (A)formation (B)scanning  
(C)reorganization (D)backup
44. ( D ) The management of a software system includes: (A)Demand analysis  
(B)System design (C)Software development (D)All of the above
45. ( D ) \_\_\_ is a technology used to store fact. (A)Relational data base  
(B)object oriented data base (C)tree data base (D)knowledge base
46. ( C ) Which of the following is not a problem from the information society?  
(A)Cyber crimes (B)Intellectual Property Rights (C)Gun control  
problems(D)Personal privacy issues
47. ( B ) What is the minimal controlling unit in computer networking, which is the collection point for other network links? (A)Router(B)Hub (C)Repeater  
(D)Bridge
48. ( C ) Which of the followings is not a challenge of education in the digital era?  
(A)Impacts to teaching contents (B)Impacts to teaching methods  
(C)Changes of job skills (D)The fundamental skills of students may decline as computers become more powerful.
49. ( D )  $(2345.67)_8=(\quad)_{16}$  (A)59.13 (B)95.13 (C)45EDC (D)4E5.DC
50. ( B ) Which of following is not a possible hidden trouble in distance learning?

(A)Teaching materials design (B)To improve the level of interactivity  
(C)Learning behavior changes(D)Network environment and security