

資訊能力會考 D

一. Single Choice Question(100%)

1. (B) Which if the following statements about the Bluetooth is not correct?
(A)A short distance, low power wireless transmission technology
(B)Only 11 channels are available (C)Use FHSS spread spectrum technology (D)Operating in the 2.4GHz band
2. (D) Which of the following is NOT correct? (A)The pupose of 1st generation communication is audio exchange (B)The exchange data of the 2G is digital. (C)The characteristic of 3G is media communication (D)GPRS provides higher transfer speed than 3G
3. (A) Which of the following is not the purpose of database management system? (A)To maintain data redundancy (B)to ensure data safty (C)To maintain data consistency (D)to increase the performance of data processing
4. (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
5. (D) Which of the followings is not necessary a feature of a tablet computer?
(A)Light, thin and small (B)Supporting wireless networks (C)A kind of portable micro-computers (D)A celluar phone
6. (D) Which one is not a compressed graphic format? (A)TIFF (B)PNG (C)JPG (D)BMP
7. (A) Which of the following descriptions of CSS is incorrect? (A)CSS can set-up only texts (B)CSS with the description language allows Web Pages to dynamically change the style (C)CSS can be used to define the style of each component (D)The CSS reusable feature can save Web Pages design time.
8. (A) Today's popular auction sites such as ebay, yahoo, pc home, etc., is what kind of e-commerce model? (A)C2C (B)B2C (C)B2B (D)B2G
9. (B) Michael wants to buy a new camera, the sales lady recommends him a new camera with 8 megapixel. What does the term "8 megapixel" mean ?
(A)The built-in capacity of digital cameras (B)The number of image sensor elements of digital cameras (C)The maximum capacity of the memory card for digital cameras (D)The level of bright luster of digital cameras
10. (A) A core component of a computer to control excutions and commands is called: (A)CPU (B)Memory (C)Peripheral device (D)Monitor
11. (D) Which device can be used for conversion between digital and analog signals? (A)Compiler (B)Interpreter (C)Connector (D)Modem
12. (C) The Internet environment includes _____. (A)Server (B)Website builder platform (C)All of the above (D)None of the above

13. (C) Which of the following statement about Linux is correct? (A)It was developed by American college student Morris in 1988 (B)It is an application software (C)It is an open source software (D)It needs to pay for purchase and registration
14. (B) Which of the following data storages will lose its data when the power is off? (A)ROM (B)RAM (C)hard disk (D)optical disk
15. (B) _____ usually excludes personal matters or activities which may reasonably be of public interest, like those of celebrities or participants in newsworthy events. Invasion of this right can be the basis for a lawsuit for damages against the person or entity violating the right. (A)Electronic advertising (B)Right to privacy (C)Commercialization of information (D)Network etiquette
16. (D) Under the personal information protection law, which of the following information type is considered? (A)Name (B)Education (C)Social activities (D)All above
17. (D) Octal number(123)+ octal umber(456)=? (A)Binary number(110000011) (B)Octoal number(501) (C)Decimal(579) (D)Hexadecimal(181)
18. (A) The World Wide Web (WWW) uses _____ to achieve the objctive of information sharing. (A)HTTP (B)FTP (C)SMTP (D)telnet
19. (A) What is the function of the domain name system (DNS)? (A)to translate the full domain name into the IP address to identify the host (B)to cache the accessed data on the server (C)to decode the location of the domain name and the web page content (D)to store all of the data about the domain names
20. (D) Spammers can collect personal information from a variety of sources, including:(A)Mailing lists(B)Blogs (C)Forums (D)All of the above
21. (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
22. (C) Bluetooth is a technology in _____. (A)word processing (B)training simulation (C)wireless communication (D)image editing
23. (A) When we buy a new hard drive, we usally 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)reorganiation (D)backup
24. (C) $(110100101)_2 =$ (A)(1A3)₁₆ (B)(1C5)₁₆ (C)(645)₈ (D)(425)₁₀
25. (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
26. (A) Which of the following statement is wrong about the presentation of the data? (A) ASCII code is a numerical representation (B) Fixed-point notation is

- often used to represent integers (C) EBCDIC code is a text representation
(D) Floating point representation can be used to represent real numbers
27. (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
28. (D) Which of the following programming languages can have its code directly executed on the computer hardware? (A)the natural language (B)the high-level language (C)the assembly language (D)the machine language
29. (C) Which of the following transmission media is the fastest? (A)Twisted pairs cable (B)Coaxial cable (C)Fiber optics cable (D)Telephone line
30. (B) Which of the following representations of the bit string for 1001 is not correct? (A)If it is an unsigned integer, its decimal value is 9 (B)If it is 2's complement, its decimal number is -5 (C)If it is 1's complement, its decimal number is -6 (D)If it is expressed as a negative sign, its decimal value is -1
31. (D) Which top-level domain can present a government? (A)org (B)com (C)edu (D)gov
32. (D) What types of memory does the USB flash drive use? (A)SRAM (B)DRAM (C)EPROM (D)Flash ROM
33. (D) What is the length of a nanometer? (A)One millionth meter (B)Ten millionth meter (C)One hundred millionth meter (D)One billionth meter
34. (A) What's architecture of FTP? (A)Client and Server (B)Random (C)Peer-to-Peer (D)none of above
35. (B) In the E-mail address abc@tku.edu.tw, what is abc? (A)the name of the E-mail server (B)the user name (C)the domain name (D)the domain code
36. (C) Which one is wrong about the digital camera's pixel concept? (A)The higher the pixels of the digital camera, the better the quality of the image printed (B)The higher the pixels of the digital camera, the higher the resolution of the image file (C)The higher the pixels of the digital camera, the smaller the image file stored (D)2-megapixel digital camera can meet the needs of 4x6 photos
37. (D) Which of the following is not considered as browser software? (A)Firefox(B)Chrome (C)Internet Explorer (D)CuteFTP
38. (A) Which of the following DVD disks is re-writable? (A)DVD-RW (B)DVD+R(C)DVD-R (D)DVD-ROM
39. (C) Which of the following statement is NOT correct regarding free software (A)Free software is free to use, download, modify, and distribute. (B)Users can freely use, download, and modify the source code. (C)Users may not distribute program copies at will. (D)The user may freely distribute

the modified version of the program.

40. (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.
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) What does Taiwan's information industry include? (A)Computer hardware industry (B)Communications industry (C)Semiconductor industry (D)All above
43. (A) Which of the following is not markup language? (A)SMTP (B)HTML (C)XML (D)DHTML
44. (C) The IP of the computer itself is usually represented by _____. (A)0.0.0.1 (B)192.0.0.1 (C)127.0.0.1 (D)255.255.255.255
45. (A) What are the factors that determine the merits of the information system?
(A)System design architecture (B)Software vendor scale
(C)Software price (D)All of the above
46. (B) What acronym is used to describe a company which provides the Internet connection service? (A)TCP/IP (B)ISP (C)ADSL (D)AP
47. (C) A component of CPU to excute arithmetic operation and comparison operation is called: (A)input (B)output(C)arithmetic logic unit (D)memory
48. (C) Which of the following is not included in the IEEE 802.11 standard for wireless LANs? (A)IEEE 802.11a (B)IEEE 802.11b (C)IEEE 802.11c (D)IEEE 802.11g
49. (C) ZIP software is a kind of _____. (A)Text editing software (B)Database software (C)File compression software (D)Operating System software
50. (B) Which of the following is responsible for maintaining and managing the various hardware resources of a computer? (A)Communication software (B)Operating system (C)Statistical software (D)Database management software