**資訊能力會考D**

1. 單選題(100%)
   1. ( C )　Which of the following operators should be used when searching online for data that contains either of two words specified?  
      (A) and　(B) another　(C) or　(D) with
   2. ( B )　Which of the following is not a category of e-commerce?  
      (A) B2B　(B) Y2K　(C) C2C　(D) B2G
   3. ( D )　Which of the following is not a function of an operating system?  
      (A) Memory management　(B) CPU management　(C) Device management　(D) Database management
   4. ( C )　Complete domain names are translated into IP addresses via \_\_\_\_\_\_.  
      (A) proxy server　(B) web server　(C) domain name server　(D) modem
   5. ( C )　Which of the following is a common query language for relational database?  
      (A) FORTRAN　(B) COBOL　(C) SQL　(D) HTML
   6. ( A )　What is the intended use of the internet initially?  
      (A) Military　(B) Academic　(C) Living　(D) Educational
   7. ( A )　Computers that are used in mobile phones, video recorders, microwave oven, and other information appliances are \_\_\_\_\_\_\_\_.  
      (A) Embedded computer　(B) Microcomputer　(C) Supercomputer　(D) Large-scale computer
   8. ( 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.
   9. ( D )　Screen, Printer, headset, speaker are hardware devices. Which of the five basic computer components are they?  
      (A) Input unit　(B) Controll unit　(C) Arithmatic and logic unit　(D) Output unit
   10. ( C )　Which of the following protocols specifically provides the ability to send e-mail to specific users?  
       (A) gopher　(B) FTP　(C) SMTP　(D) telnet
   11. ( 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
   12. ( C )　Regarding the features of the computer virus, which of the following statements is not true?  
       (A) the virus can do self-reproduction　(B) the virus can be appended to the executables　(C) the virus will vanish after power off　(D) the virus often causes data or file loss
   13. ( C )　Which of the following is an interface for disk transfer and control?  
       (A) VGA　(B) Ethernet　(C) IDE　(D) HDMI
   14. ( A )　Please convert the following decimal values, 232, to binary values  
       (A) 11101000　(B) 10101010101　(C) 11110000　(D) 100100100
   15. ( A )　What is the most popular computer at present?  
       (A) Person computer　(B) The Macintosh　(C) tablet computer　(D) PDA
   16. ( C )　Which one is not a virtual reality application?  
       (A) Global Positioning System　(B) Flight simulation　(C) Fingerprint identification 　(D) Museum navigation system
   17. ( A )　Please turn the binary representation 100101 into a decimal number.  
       (A) 37　(B) 45　(C) 61　(D) 48
   18. ( A )　What is e-commerce?  
       (A) Use the Internet for business activities　(B) Use the Internet to talk with others　(C) Use the Internet to exchange files　(D) Use the Internet to send e-mail
   19. ( C )　The abbreviation of central processing unit is \_\_\_  
       (A) USB　(B) BIOS　(C) CPU　(D) RAM
   20. ( A )　Which of the following is the US standard exchange code?  
       (A) ASCII　(B) BIG-5　(C) EBCDIC　(D) Unicode
   21. ( C )　Information appliances, such as digital refrigerators or digital air conditioners, which of the following computer are usually used to perform specific monitoring or computing functions?  
       (A) Mini computer　(B) Pocket PC　(C) Embedded computer　(D) personal computer
   22. ( D )　The computer virus can be which of the following type  
       (A) Boot type virus　(B) File type virus　(C) Macro type virus　(D) All of the above
   23. ( C )　Which of the following is to represent Amazom.com?  
       (A) B2B　(B) C2B　(C) B2C　(D) C2C
   24. ( C )　operating systems can be represented:  
       (A) AO　(B) OA　(C) OS　(D) OP
   25. ( D )　Which of the following is the important and core technology of the computer industry nowadays?  
       (A) vacuum tube　(B) transistor　(C) microprocessor　(D) very-large-scale integration
   26. ( A )　Which of the following is not the advantage of wireless?  
       (A) High data transfer rate　(B) High mobility　(C) Real time　(D) without physical equipment
   27. ( D )　Image capturing card usually does not provide what kind of function?  
       (A) Image and sound input　(B) Reserved recording　(C) Channel program preview　(D) All above
   28. ( B )　There have been several generations in computer evolution. What is the basic criteria in accordance with computer generations?  
       (A) Purposes　(B) Electronic components　(C) Prices　(D) Developing era
   29. ( D )　What are the benefits of setting up government web services?  
       (A) Saving manpower resources　(B) Reduce social costs　(C) Improve administrative efficiency　(D) All above
   30. ( 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
   31. ( C )　Through the use of network technology and computers, making the various departments within the enterprise mode of operation into a mutual cooperation model, the software system is called?  
       (A) Personnel Management System　(B) Information Management System　(C) Operating Management System　(D) Management Information System
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   33. ( C )　Which of the following is a symmetric encryption system?  
       (A) RSA　(B) DSA　(C) AES　(D) DSSS
   34. ( C )　Which of the following is an application software?  
       (A) Compiler　(B) Monitoring program　(C) Document processing　(D) Utility program
   35. ( B )　Which of the following characteristics of the Windows operating system is not correct?  
       (A) It is a Multi-Threaded program　(B) It does not have the Time-Sliced characteristic　(C) It is Preemptive　(D) It belongs to the graphical operation interface
   36. ( C )　Which of the following application softwares is the common database management software?  
       (A) Word　(B) Excel　(C) Access　(D) Frontpage
   37. ( B )　Which of the following is the technology of Asymmetric Encryption ?  
       (A) AES　(B) RSA　(C) RC5　(D) DES
   38. ( C )　Which of the following is not technology of image processing ?  
       (A) increase the degree of color Saturation 　(B) colorfulness relative to the brightness of a similarly illuminated area　(C) Hue can not be modified partial 　(D) blurring an image by a Gaussian function
   39. ( D )　Which of the following topology is all nodes connected to and through the hub ?  
       (A) network topology　(B) ring topology　(C) bus topology　(D) star topology
   40. ( A )　Which of the following is not markup language?  
       (A) SMTP　(B) HTML　(C) XML　(D) DHTML
   41. ( C )　\_\_\_ is a feature of computer systems that allows certain hardware subsystems to access main system memory (RAM), independent of the central processing unit (CPU).  
       (A) programmable control I/O　(B) I/O interrupt 　(C) DMA　(D) none of above
   42. ( D )　Which technology is not information security technology in the following?  
       (A) Cryptographic system　(B) Digital signature technology　(C) Message AuthenticationTechnology　(D) IEEE 802.11b
   43. ( D )　\_\_\_ is a technology used to store fact.  
       (A) Relational data base　(B) object oriented data base　(C) tree data base　(D) knowledge base
   44. ( B )　Which one is NOT input device?  
       (A) Scanner　(B) Microphone　(C) digital camara　(D) camara
   45. ( D )　Which of the followings is not one of the technologies used in synchronous distance learning system?   
       (A) Chat rooms　(B) Instant messager　(C) Real-time lecture playback system　(D) E-mail system
   46. ( A )　Which of the following DVD disks is re-writable?  
       (A) DVD-RW　(B) DVD+R　(C) DVD-R　(D) DVD-ROM
   47. ( C )　Which of the following transmission media is the fastest?  
       (A) Twisted pairs cable　(B) Coaxial cable　(C) Fiber optics cable　(D) Telephone line
   48. ( D )　Which of the following descriptions about domain names is incorrect?  
       (A) .net represents network or computer companies　(B) .gov represents government agencies　(C) .com represents companies or business organizations　(D) .org represents military units
   49. ( D )　Which of the following are not one the four major issues discussed by information ethics?  
       (A) Privacy　(B) Accuracy　(C) Property　(D) General
   50. ( 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.