

UGANDA CERTIFICATE OF EDUCATION (UCE)
-REVISION OBJECTIVE QUESTIONS COMPUTER STUDIES
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1. Each dot of phosphor material on a CRT screen consists of a.....phosphor
 - A. blue, a red and a yellow
 - B. green, a yellow and a blue
 - C. red, a green and a blue
 - D. yellow, a green and red
2. Printed information, called....., exist physically and a more permanent form of Output than that represented on a display device
 - A. Soft copy
 - B. Carbon copy
 - C. Hard copy
 - D. Desk copy
- 3.....languages are low-level languages.
 - A. machine and assembly
 - B. Assembly and third generation
 - C. Third generation and Forth generation
 - D. Forth generation and Fifth generation
4. Which of the following indicates the address of a web page on the address of a web page on in World Wide Web?
 - A.WWW
 - B.HTTP
 - C.FTP
 - D.URL
7. An important benefit of the data and information gathering techniques used during detailed analysis is that they.....
 - A. allow the systems analyst to work with a proposed system before it is completed
 - B. producing a working system that meets cost expeditions.
 - C. builds valuable relationship among the systems analyst and users
 - E. Identify the specific products needed to meet user requirement.
- 8..... is a key to productive use of computers.
 - A. Hard ware
 - B. Soft ware
 - C. Data
 - D. Information
9. In essence..... is long distance health care and is used in such creases medical training, research, collaboration, decision making and treatment
 - A. telemedicine
 - B. neural networking
 - C. simulation

D. Green computing

10. Computers with one floppy disk drive refer to as drive.

- A. A
- B. B
- C. C
- D. D

11. A (n)..... Control the allocation and usage of hard ware resources.

- A. debugger
- B. compiler
- C. operating system
- D. application software

12. Assembly language programs are converted into language instructions by a (n).....

- A. assembler
- B. compiler
- C. interpreter
- D. debugger.

13. Every domain name contains a (n)..... Abbreviation that identifies the type of organization that is associated with the domain

- A. upper-level domain (ULD)
- B. top-level domain (TLD)
- C. dominant level domain (DLD)
- D. super-level domain (SLD)

14. In a three generation back up policy the is the second oldest copy of the file.

- A. great- grand parent
- B. grand parent
- C. parent
- D. child

15. All the following are advantages of CBT and WBT over traditional training except.....

- A. self-paced
- B. cammon contents
- C. unique instructional experience
- D. reduced training cost

16. Windows 2000 include all of the following features except.....

- A. requires less disk space and memory than the previous versions of windows
- B. certifies device drivers to safe guard them from tampering
- C. adapts start menu to display most frequently used applications
- D. increases efficiently and protecting of mobile users.

17. on the web..... consists of full-motion images that are played back at various speeds
 A. audio
 B. a graphic
 C. virtual reality
 D. video
18. Most people prefer to prepare for a certification exam by using as a training option
 A. data products
 B. computerized adaptive testing
 C. the HIB visa program
 D. a combination of self-study, online and instructor-led Classes
19. the most popular personal computer program is MERANT micro focus Net Express, which allows users to create procedural and object-oriented programs and migrate them to web
 A. Basic
 B. C
 C. RPG
 D. COBOL
- 20..... Soft ware allows numbers arranged in rows and columns to be calculated.
 A. word processing
 B. Spread sheet
 C. Data base
 D. Presentation graphics.
- 21..... Concerns with the accuracy of data transmission
 A. check digit
 B. priority bit
 C. range check
 D. Control total check.
22. The two computers in a network should In order to be able to communicate with each other
 A. use the same type of operating system
 B. use the same type of processor
 C. use the same communications protocol
 D. use the same type of modem
23. While waiting for a device, such as a printer, to become idle, the operating system places items in
 A. pages
 B. buffers
 C. menus

D. clients

24. Some manufacturers state access times in nanoseconds, a nanoseconds (ns) is one of a second
- A. billionth
 - B. millionth
 - C. Thousandth
 - D. Hundredth
25. A (n) Is a biometric device that reads patterns in tiny blood vessels in the back of the eye, which are as unique as finger prints
- A. Signature verification system
 - B. iris recognition system
 - C. voice verification system
 - D. face recognition system
26. E-commerce does all of the following except.....
- A. increases human resources and productivity
 - B. wastes time for participants at both ends
 - C. enhances communications among employees, customers, and vendors
 - D. virtually eliminates the barrier of time and distance.
27. Network administrators, programming consultants and web page designers would be most interested in certification in.....
- A. programming
 - B. network
 - C. internet
 - D. application
28. An information B2B site
- A. acts as a middle man by negotiating the contract of a purchase and a sale
 - B. is a product supplier that allows purchasing agents to use a network to shop
 - C. provides specialized information about suppliers and other businesses
 - D. uses a network to provide one or more services to businesses
29. A (n) is an electronic device that contains much microscopic bath way that carries electrical current.
- A. icon
 - B. pointer
 - C. kiosk
 - D. chip.
32. A NIC for is in the form of a type 11 PC card.
- A. note book and other mobile computers
 - B. desk top computers and work stations
 - C. main frames and super computers

D. all of the above.

33. Viruses are activated in all of the following ways except by:

- A. deleting e-mail without opening or executing any attachment
- B. opening an infected file
- C. booting a computer with an infected floppy disk in the disk drives
- D. running an infected program.

35. A (n) program is responsible for creating file directories of a computer system.

- A. data base management
- B. operating system
- C. defragmenter
- D. compiler

36. technology can sense actions and based logical assumptions and prior experiences, take the appropriate action to complete a task

- A. AI
- B. IT
- C. VR
- D. DL

37..... Is a process in which a user changes certain values in a spread sheet in order to reveal the effects of these changes.

- A. What-if analysis
- B. How-about analysis
- C. Why not-analysis
- D. Where-now analysis

38. The B2B market is expanding at The B2C market.

- A. a much faster than
- B. the same rate as
- C. a much slower rate than
- D. an undermined rate than compared with

39..... is a LAN technology that allows personal computers to contend for access to the network

- A. TCP/IP
- B. Ethernet
- C. WAP
- D. Token ring.

40. A (n), which is used almost exclusively by banking industry, can read text printed with magnetic ink.

- A. bar code scanner
- B. optional character recognition reader (OCR)
- C. optional mark recognition reader (OMR)
- D. magnetic-ink character recognition character recognition reader (MICR)

41. soft ware includes computer aid-design, desk top publishing, and web page authorizing
- A. productivity
 - B. Graphics and multimedia
 - C. Communication
 - D. Home and personal
42. Which of the following information should a user normally provide when logging on to a network?
- 1). User name
 - 2). Password
 - 3). E-mail address
- A. 1 and 2 only
 - B. 2 and 3
 - C. 1 and 3
 - D. 1, 2 and 3
43. AGE is not a suitable field for a data base file STUDENT because.....
- A. AGE is a numeric field
 - B. different student may be of different ages
 - C. student with the same name may be of different ages
 - D. AGE has to be up dated every year
44. A script
- A. Is an interpreted program that runs on the client.
 - B. Tracks the number of visitors to a web site.
 - C. Is a compiled program that usually runs on the client.
 - D. Collects data from visitors to a web site.
45. Anyone with can participate in the e-commerce.
- A. Access to a computer.
 - B. An internet connection.
 - C. A means to pay for purchased goods or services.
 - D. All of the above.
46. A Guides a finger or pointing device so a user presses only one key at a time
- A. Toggle key.
 - B. Key guard.
 - C. Function key.
 - D. Key pad.
47. An electronic store front developer must realize that some merchandize, such as , does not transfer well to the web
- A. Software.
 - B. Clothing.
 - C. Hotel reservation..
 - D. Books.

48. A business or marketing web page contains
- A. Factual information.
 - B. A variety of internet services from a single location.
 - C. Content that describes a cause, opinion, or idea.
 - D. Content that promotes or sells products or services.
49. According to the definition of a modem (to convert from analog to digital signals and vice versa), the use of the term modem in the context of is not correct.
- A. Internet modem.
 - B. Dial-up modem.
 - C. External modem.
 - D. Digital modem.
50. For, data are stored for a period of time before they are processed altogether in a separate operation.
- A. Real- time processing.
 - B. Batch processing.
 - C. Online processing.
 - D. Interactive processing.
51. The storage capacity of a Is more than enough to hold a telephone book containing every resident in the United States.
- A. DVD- ROM.
 - B. CD-R.
 - C. CD-ROM.
 - D. CD-RW.
52. The manager of a company may use a to analyze a profit- and- loss account.
- A. Word processor.
 - B. Spreadsheet program
 - C. Data base management system.
 - D. Graphics package.
53. A customer visits an online business at the Web –equivalent of a show room; the electronic store front, also called a (an)
- A. Online catalog.
 - B. Secure server.
 - C. Online auction.
 - D. Shopping cart.
54. Physical access controls, such as locked doors and windows, usually are adequate to protect computer equipment against
- A. Software piracy.
 - B. Hardware theft.
 - C. Computer viruses.
 - D. All of the above.

55. A (n) is a program that copies itself into other programs and spreads through multiple computers.
- A. Virus.
 - B. Menu.
 - C. Icon.
 - D. Macro.
56. Many national companies offer , which eliminates the costs of airfare, hotels, and meals for centralized training sessions.
- A. DL.
 - B. VR.
 - C. ES.
 - D. AI.
57. Windows –based application programming language is
- A. COBOL.
 - B. BASIC
 - C. Visual Basic.
 - D. C.
58. Which of the following file types contain sound information only?
- (1) WAV.
 - (2) MID.
 - (3) AVI.
- A. (1) and (2) only.
 - B. (1) and (3) only.
59. Nearly all keyboards have That re pressed to switch between two different states.
- A. Numeric keypads.
 - B. Arrow keys.
 - C. Function keys.
 - D. Toggle keys.
60. An advertiser at a site usually pays based on the number of , which occur when a visitor moves to the advertisers home page.
- A. Snap-shots.
 - B. Click-throughs.
 - C. Slip-shots.
 - D. Brick-throughs.
61. Customers would have Privileges to the data in a video rental stores movie database, meaning they neither can retrieve nor change data.
- A. No access.
 - B. Read-only.
 - C. Full-update.
 - D. Write-only.

62. A brokering B2B site
- A. Acts as a middleman by negotiating the contract of a purchase and a sale.
 - B. Is a product supplier that allows purchasing agents to use a network to shop.
 - C. Provides specialized information about suppliers and other businesses.
 - D. Uses a network to provide one or more services to businesses.
63. The purpose of a feasibility study is to.....
- A. Discuss with the user how a particular computer system should be implemented.
 - B. Test and evaluate a particular computer system.
 - C. Decide what kind of a computer system should be installed.
 - D. Investigate whether the present system should be computerized.
64. The 1970 Fair Credit Reporting Act
- A. Regulates the use of government data to determine the eligibility of individuals for federal benefits.
 - B. Outlaws unauthorized access to federal government, computers and the transmission of harmful computer code.
 - C. Limits the rights of others viewing a credit report to those with a legitimate business need.
65. Detailed analysis involves all the following major activities except,
- A. Study how the current system works.
 - B. Identify all the hardware, software, and networking requirements.
 - C. Determine the users wants, needs, and requirements.
 - D. Recommend a solution.
66. Expert systems consist of two main components:
- A. A check digit and before images.
 - B. A default value and validation rules.
 - C. Relational algebra and report generators.
 - D. A knowledge base and inference rules.
67. Similar to their desktop counter parts, note book computers and hand held computers have a system unit that.....
- A. Cannot run using standard power supply.
 - B. Usually is less expensive than desktop computers with the same capabilities.
 - C. Contains electronic components that process data.
 - D. Houses devices such as the keyboard, pointing devices, speakers, and display.
68. When choosing software, all of the following factors should be considered except,
- A. Standards of the organization.
 - B. Interface with other programs.
 - C. Suitability to the application.
 - D. Limitation to a single system.

69. With a, the new processor chip is on a small circuit board that plugs into the motherboard.
- A. Piggy back upgrade.
 - B. Chip for chip upgrade.
 - C. Daughter board upgrade.
 - D. Tag- along upgrade.
70. Because is a non procedural language, many users claim it paved the way for 4GLS.
- A. BASIC.
 - B. C.
 - C. RPG.
 - D. COBOL.
71. Many Work in combination with a database and its project dictionary.
- A. 1GLS (machine languages).
 - B. 2GLS (assembly languages).
 - C. 3 GLS.
 - D. 4GLS.
72., is a category of ASP that provides applications for a particular industry, such as construction or health care.
- A. Volume Business ASP.
 - B. Enterprise ASP.
 - C. Vertical Market ASP.
 - D. Specialist ASP.
73. A major activity performed during the planning phase is to
- A. Review, approves, and prioritizes the project requests.
 - B. Allocates resources to approved projects.
 - C. Form a project development team for each approved project.
 - D. All the above.
74. Arithmetic operations
- A. Involve matching one data item to another to determine if the first item is greater than, equal to, or less than the other item.
 - B. Include addition, subtraction, multiplication, and division.
 - C. Sort data items according to standard, predefined criteria in ascending order or descending order.
 - D. Use conditions with operators such as AND, OR, and NOT.
75. is a type of out put that consists of music, speech, or any other sound.
- A. A graphic or graphical image.
 - B. Audio.
 - C. Text.
 - D. Video.

76. Logical operations.....
- A. Involve matching one data item to another to determine if the first item is greater than, equal to, or less than the other item.
 - B. Include addition, subtraction, multiplication, and division.
 - C. Sort data items according to standard, predefined criteria in ascending order or descending order.
 - D. Use conditions with operators such as AND, OR, and NOT.
77. The management activity of organizing involves
- A. Establishing goals and objectives and the strategies needed to meet these goals and objectives.
 - B. Instructing and authorizing others to perform the necessary work.
 - C. Identifying and combining resources so that a company can reach its goal.
 - D. Measuring performance and, if necessary, taking corrective action.
78. Most computer certification examinations are in a (n) format.
- A. True or false.
 - B. Short answer.
 - C. Essay question.
 - D. Multiple-choice.
79. The is composed of professionals and students working and interested in computer science and computer science education.
- A. ACM (Association for Computing Machinery)
 - B. CCP (Congress of Computing Professionals.)
 - C. CSS (Computer Server Specialists)
 - D. MCP (Microsoft Computer Professionals)
80. A..... is a narrow recording band that forms a full circle on the surface of a disk.
- A. Track.
 - B. Cluster.
 - C. Shutter.
 - D. Sector.
81. In a data flow diagram, a....., which is a rectangle with no sides, is a holding place for data and information.
- A. Data flow.
 - B. Data store.
 - C. Source or agent.
 - D. Process.
82. A Home PLC (Power line Cable) network, sometimes called a power line LAN,
- A. Uses radio waves, instead of cable, to transmit data.
 - B. Is a net work that uses the same lines that bring electricity and power into the home.
 - C. Requires a separate cable to connect to each computer in the home.
 - D. Is an inexpensive network that uses existing telephone lines in the home.

83. For a computer work space, experts recommend an area of atleast.....
- A. Two feet by four feet.
 - B. Three feet by six feet.
 - C. Four feet by eight feet.
 - D. Five feet by ten feet.
84. Which of the following is or are included in the process of updating a data file?
- (1) Adding new data.
 - (2) Changing existing data.
 - (3) Deleting obsolete data.
- A (1) only.
B (1) and (2) only.
85. is the process of writing the result to memory.
- A. Fetching.
 - B. Storing.
 - C. Decoding.
 - D. Executing.
86. The instruction cycle is the process of
- A. Getting an instruction from the main memory, then decoding and executing the instruction.
 - B. Getting an instruction from an input device, then translating and executing the instruction.
 - C. Getting a program from the main memory, then compiling and executing the program.
87. A (n) Test verifies that all programs in an application work together properly.
- A. Data.
 - B. Systems.
 - C. Integration.
 - D. Acceptance.
88. Is an unsolicited e-mail message or news group posting sent to many recipients or news groups at once.
- A. A flame.
 - B. An emotion.
 - C. A spoiler.
 - D. Spam.
89. CD-RW drives have a write speed up to.....
- A. 12X, rewrite speed up to 4 xs, and a read speed up to 32 xs.
 - B. 4X, rewrite speed up to 32 xs, and a read speed up to 12 xs.
 - C. 32x, rewrite speed up to 12 xs, and a read speed up to 4 xs.
 - D. 12X, rewrite speed up to 32 xs, and a read speed up to 4 xs.

90. can provide up-to-date content on any type of computer platform and can cover a wide range of topics, from how to change a flat tire to creating documents in word.

- A. WBT.
- B. CTS.
- C. MPR.
- D. GPS.

91. Most printers also print bar codes.

- A. Dot-matrix.
- B. Label.
- C. Shuttle-matrix.
- D. Line.

92. Which of the following are required to connect to the Internet using dial-up access?

- (1) A modem.
- (2) A sound card.
- (3) A telephone line.

- A (1) and (2) only.
- B (1) and (3) only.

93. Physical access controls, such as locked doors and windows, usually are adequate to protect computer equipment against.....

- A. Software piracy.
- B. Hardware theft.
- C. Computer viruses.
- D. All of the above.

94. Two popular type of Printers used for high-volume output are band and shuttle-matrix.

- A. Dot-matrix.
- B. Laser.
- C. Line.
- D. Inkjet.

95. Is a set of standards for digital transmission of data over standard copper lines

- A. CATV (cable television line)
- B. ISDN (Integrated Services Digital Network).
- C. T- Carrier line.
- D. A synchronous transfer mode (ATM).

96. A request for proposal (RFP)

- A. Identifies the product (s) desired.
- B. Is a less formal method that uses a standard form to request information about a product or service.
- C. Gives a legal right to use software under certain terms and conditions.
- D. Asks the vendor to select the product (s) that meet the requirements and then quote the price (s).

97. In addition to the mouse, other pointing devices include all the following except,
A. The track ball and touch pad.
B. The pointing stick and joystick.
C. The keyboard and scanner.
D. The right pen and touch screen.
98. The most popular vehicle for e-commerce is the online auction.
A. B2C.
B. C2C.
C. B2B.
D. B2E.
99., which produces both hardware and software, is one of the largest computer companies with more than 307,000 employees and annual sales of more than \$87 billion.
A. IBM.
B. Lucent.
C. Oracle.
D. Sybase.
100. A compiler translates.....
A. A (n) object program into a (n) source program.
B. A (n) source program into a (n) object program.
C. A (n) low-level program into a (n) high.
D. A (n) high-level program into a (n) low-level program.
101. Most current operating systems contain a program, called....., that can play the audio in MP3 files on a computer.
A. Player.
B. Mail box.
C. Tag.
D. Crawler.
102. Which of the following is an example of real-time processing?
A. Processing the application for public housing.
B. A report card system in a school.
C. Editing a word processing document.
D. A payroll system in a factory.
103. The Defines a popular video compression standard.
A. Advanced Research Project Agency (ARPA).
B. National Science Foundation (NSF).
C. Moving Pictures Experts Group (MPEG).
D. Internet Corporation for Assigned Numbers and Names (ICANN).
104. During the boot process, usually the operating system will look first in drive..... For the system files.
A. A (the designation for a floppy disk drive).
B. B (the designation for a second floppy disk drive).
C. C (the designation for the hard disk drive).

- D. D (the designation for a compact disk drive).
105. A computer virus is actually a.....
- A. Program.
 - B. Database file.
 - C. Hardware component.
 - D. Windows register.
106. consists of one or more twisted-pair wires bundled together.
- A. Twisted-pair cable.
 - B. Coaxible cable or coax.
 - C. Fibre-optic cable.
 - D. Infrared cable.
109. A sequence control structure
- A. Shows one or more actions following each other in order.
 - B. Tells the program which action to take, based on a certain conditions.
 - C. Collects data or instructions.
 - D. Performs one or more actions repeatedly as long as a certain condition is met.
110. Customers would have..... privileges to the data in a video rental stores movie database, meaning they neither can retrieve nor change data.
- A. No access.
 - B. Read-only.
 - C. Full-update.
 - D. Write-only.
- 111 A (n)....., which is used almost exclusively by the banking industry, can read text printed with magnetized ink.
- A. Bar code scanner.
 - B. Optical character recognition (OCR) reader.
 - C. Optical mark recognition (OMR) reader.
 - D. Magnetic-ink character recognition (MICR) reader.
112. E-mail (electronic mail) is.....,
- A. An Internet standard that allows users to upload and download files.
 - B. A real –time typed conversation that takes place on computer.
 - C, An online area in which users conduct written discussing about a particular subject.
 - D. The transmission of messages and files via a computer network.
113. The number of colors a video card can display is determined by it's
- A. Pixels.
 - B. Hertz.
 - C. Woofers.
 - D. Bit depth.
114. A is a request for specific data from a database.
- A. Function.
 - B. Query.
 - C. Formula.

- D. Sort.
115. A musical instrument digital interface, or MIDI, port.....
- A. Is a special type of serial port that connects the system unit to a musical instrument
 - B. Can connect up to 127 different peripheral devices with a single connector type.
 - C. Is a special high-speed parallel port used to attach peripheral devices.
 - D. Allows wireless devices to transmit signals to a computer via infrared light waves.
116. To be safe, all high-quality CRT monitors comply with..... standards that define acceptable levels of EMR (electronic magnetic radiation)
- A. MPR 1.
 - B. MPR 11.
 - C. VESA 1.
 - D. VESA 11.
117., An upgrade to the Windows NT Workstation operating system, is a complete multitasking operating system that has a GUI.
- A. Windows 3x
 - B. Windows 2000 Professional.
 - C. Windows CE.
 - D. Windows Millennium Edition.
118. Passive-matrix displays are,
- A. Less expensive than active-matrix displays.
 - B. Viewable from all angles.
 - C. Brighter than active-matrix displays.
 - D. All of the above.
119. In the PDLC, designing the programs involves all the following except,
- A. Grouping each programs activity into modules.
 - B. Meeting with the systems analyst and users.
 - C. Devising a solution algorithm for each module.
 - D. Tasting the solution algorithm.
200. Hard disks provide for access times than floppy disks.
- A. Lesser storage capacities and much slower.
 - B. Greater storage capacities but much slower.
 - C. Lesser storage capacities but much faster.
 - D. Greater storage capacities and much faster.
201. Acquiring necessary hardware and software consists of all the following major tasks except.....
- A. Identify technical specifications.
 - B. Solicit vendor proposals.
 - C. Make a decision.
 - D. Develop programs.

202. A program is a section of a program that performs a single function.
- A. Macro.
 - B. Script.
 - C. Module.
 - D. Servlet.
203. The development of an Information System should follow all of the following except,
- A. Use phases.
 - B. Limit management participation.
 - C. Involve the users.
 - D. Develop standards.
204. The project Helps every one keep track of the huge amount of details in a system.
- A. Dictionary.
 - B. Request.
 - C. Plan.
 - D. Team.
205. Which of the following software package is most suitable for stock-checking in a supermarket?
- A. A word processor.
 - B. A spreadsheet program.
 - C. A database package.
 - D. A graphics package.
206. The management activity of organizing involves.....
- A. Establishing goals and objectives and the strategies needed to meet these goals and objectives.
 - B. Instructing and authorizing others to perform the necessary work.
 - C. Identifying and combining resources so that a company can reach its goals.
 - D. Measuring performance and, if necessary, taking corrective action.
207. What kind of a software can be used with image scanners to convert images of text into editable for that can be processed by a text editor?
- A. Magnetic ink recognition.
 - B. Optical mark recognition.
 - C. Optical character recognition.
 - D. Bar code recognition.
208. Computer consultants, hardware technicians, help desk operators, and system administrators would be most interested in certification in.....
- A. Hardware.
 - B. Programming.
 - C. Operating systems.
 - D. Database systems.

209. Contain text links to other documents.
- A. Hyper text databases.
 - B. Multimedia databases.
 - C. Group ware databases.
 - D. Computer-aided design (CAD) databases.
210. Provides high-speed Internet connections over a regular copper telephone line.
- A. Dial-up access.
 - B. DSL.
 - C. A cable modem.
 - D. All of the above.
- 211..... developed as a procedural language similar to C, in its latest release is an interpreted scripting language with powerful text processing capabilities
- A. Java.
 - B. Java Script.
 - C. Perl.
 - D. Perl script.
211. Digital Cameras use all of the following techniques to store images except.....
- A. Floppy disk and Super Disk.
 - B. Hard disk and magnetic tape.
 - C. Click! Disk and PC card
 - D. Mini-CD and micro-drive.
- 213..... Is a high-level language commonly used for writing scientific programs.
- A. BASIC.
 - .B. COBOL.
 - C. FORTRAN.
 - D. Pascal.
214. Universal Serial bus (USB) Port.....
- A. Is a special type of Serial port that connects the system unit to a musical instrument
 - B. Can connect up to 127 different peripheral devices with a single connector type.
 - C. Is a single high-speed parallel port used to attach peripheral devices.
 - D. Allows wireless devices to transmit signals to a computer via infrared light waves.
215. The..... Controls how data or instructions are entered into a computer and how information displays on the screen.
- A. Color library.
 - B. Instant messenger.
 - C. Data type.

D. User interface.

216. Computers and devices that meet the department of Energy (DOE) and Environmental Protection Agency (EPA) guidelines for energy efficiency display an label.
- A. ENERGY MISER.
 - B. ENERGY SAVER.
 - C. ENERGY HERO.
 - D. ENERGY STAR.

217. On the web is the use of computers to simulate a real or imaged environment that appears as a three dimensional (3-D) space.
- A. Virtual reality.
 - B. Audio.
 - C. Video.
 - D. Animation

218. The..... contains more than 10 million criminal records, including names, finger prints, parole/ probation records, mug shots, and other pertinent information.
- A. NCIC.
 - B. IAD.
 - C. MSDT.
 - D. WBT.

219. To track a customers path through a site, e-commerce software programmes use.....
- A. Banner ads.
 - B. Spam.
 - C. Revenue streams.
 - D. Cookies.

220. Bus networks are very popular in because they are inexpensive and easy to install.
- A. LANS.
 - B. WANS.
 - C. MANS.
 - D. CANS.

221. Is a real-time communication service that notifies users when one or more people are online and then allows them to exchange messages or files.
- A. Electronic mail (EM).
 - B. Chat room (CR).
 - C. Web browser (WB).
 - D. Instant messaging.

222. All of the following are commonly used types of non impact printers except,

- A. Laser printers.
- B. Ink jet printers.
- C. Thermal printers.
- D. Dot matrix printers.

223. The circuitry in the system unit usually in part of or is connected to a circuit board called the
- A. Bill board.
 - B. Sound board.
 - C. Mother board.
 - D. Snow board.
224. Two types of system software are the.....
- A. Operating system and application programs.
 - B. User interface and application programs.
 - C. Operating system and utility programs.
 - D. User interface and utility programs.
225. Is the electronic equipment of a user manual.
- A. A tutorial.
 - B. Online help.
 - C. An FAQ.
 - D. A wizard.
226. During design, the system analyst carefully designs every menu, screen, and report specified in the requirements.
- A. Database.
 - B. Input and output.
 - C. Program.
 - D. Documentation.
227. File Transfer Protocol is.....
- A. An internet standard that allows users to upload and download files.
 - B. A real-time typed conversation that takes place on a computer.
 - C. An online area in which users conduct written discussions about a particular subject.
 - D. The transmission of messages and files via a computer network.
228. With. the disc acts like a floppy or hard disk, allowing users to write and rewrite data, instructions, and information onto it multiple times, instructions, and information onto it multiple times.
- A. CD-ROM.
 - B. CD-R.
 - C. CD-RW.
 - D. DVD-ROM.

229. Some Can learn user's interests, develop a user profile, search the entire Internet to find relevant documents, and automatically deliver the information to the desktop.
- A. Neural networks.
 - B. Network agents.
 - C. Shopping carts.
 - D. Electronic store fronts.
230. The 1988 computer matching and privacy protection Act.....
- A. Regulates the use of government data to determine the eligibility of individuals for federal benefits.
 - B. Outlaws unauthorized access to federal government computers and the transmission of harmful computer code.
 - C. Limits the rights of others viewing a credit report to those with a legitimate business need.
231. Scientists create neural networks by connecting thousands of Together much like the neurons in the brain is connected.
- A. Registers.
 - B. Ports.
 - C. Processors.
 - D. Transistors.
232. A Is a column in a table that contains a specific piece of information.
- A. Value.
 - B. Field.
 - C. Record.
 - D. Label.
233. Using e-commerce software to develop a web site in a house requires a very Control over its retail site.
- A. Small financial outlay and gives the merchant total.
 - B. Large financial outlay but gives the merchant total.
 - C. Small financial outlay and gives the merchant no.
 - D. Large financial outlay but gives the merchant no.
234. Must be done before a binary search can be applied.
- A. Merging.
 - B. Updating.
 - C. Sorting.
 - D. Inserting.
235., which generally are at the top of a program, explain the programs purpose and identify the program name, its author, and the date written
- A. Internet comments
 - B. Off hand comments
 - C. Global comments
 - D. Un rehearsed comments.

236. Mr. Kibirige has typed a document with a word processor. If he changes the left margin of the document, which of the following features of the document will consequently be changed?
- A. Right margin.
 - B. Number of words per line.
 - C. Page length.
 - D. Number of paragraphs in the document.
237. A range check.....
- A. Ensures that only the convert data types is entered into a field.
 - B. Verifies that all required data is present.
 - C. Determine whether a number is within a specified limit.
 - D. Tests if the data in two or more associated fields is logical.
238., a product of the Windows 2000 server family, is an operating system designed for e-commerce application.
- A. Windows NT server
 - B. Windows 2000 server.
 - C. Windows 2000 Advanced server.
 - D. Windows 2000 Data Center server.
239. Alpha processors, originally developed by Digital Equipment Corporation,
- A. Have the same internal design, or architecture, as Intel processors.
 - B. Combine functions of a processor, memory, and a video card on a single chip.
 - C. Are used in Apple Macintosh and power Macintosh systems.
 - D. Are used primarily in work stations and high-end servers.
240. A..... is responsible for the maintainance of the hardware of a computer system.
- A. System analyst.
 - B. Computer technician
 - C. Programmer
 - D. Web master.
241. is a compiled object-oriented programming language used to write applets.
- A. C.
 - B. RPG.
 - C. JAVA Script.
 - D. Java..
242. Some Have their own query languages, statistical analysis, spread sheets, and graphics that help users retrieve data and analyze the results.
- A. TPS (Transaction processing systems)
 - B. DSSs (decision support systems)

- C. MISS (management information systems)
- D. O/SS (Office information systems)

243 A. is a network that covers a large geographical area (such as a city, country or the world) using a communications channel that combines many types of media.

- A. Local area network (LAN).
- B. Wide area network (WAN).
- C. Metropolitan area network (MAN).
- D. Central area network (CAN).

243. Unlike a software suite, the package in an integrated software package.....

- A. Cannot be purchased individually.
- B. Each use a different interface.
- C. Do not share any common features.
- D. All of the above.

244. Which of the following is an output device?

- A. OCR.
- B. MICR.
- C. VDU.
- D. OMR.

245. Professional organizations, such as the, establish standards to raise the competence level for the computer industry.

- A. Certified Network Experts (CNE).
- B. Associate senior Computing Specialists (ASCS).
- C. Institute for Certification of Computer Professionals. (ICCP).
- D. Association of Information Technology Professional (AITP).

246. Arrange the following storage media in descending order of storage capacity.

- (1) Zip disk.
- (2) A standard floppy disk.
- (3) A compact disc.

- A. 123.
- B. 321.
- C. 132.
- D. 312.

247. To provide security in a home, a Can be set to take digital photographs at present time intervals or wherever motion is detected.

- A. PC camera.
- B. Studio camera.
- C. Field camera.
- D. Paint-and-shoot camera.

248. E-commerce does all of the following except,

- A. Increase human resource and productivity.
- B. Wastes time for participants at both ends.
- C. Enhances communications among employees, customers, and vendors.

- D. Virtually eliminates the barriers of time and distance.
249. Services offered by Businesses include online banking, stock trading and airline reservation.
- A. B2B.
 - B. C2C.
 - C. B2C.
 - D. B2E.
250. The 1986 Electronic communication Privacy Act (ECPA)
- A. Regulates the use of government data to determine the eligibility of individuals for federal benefits..
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 - C. Enhances communications among employees, customers, and vendors.
 - D. Virtually eliminates the barriers of time and distance.
270. A..... error cannot be detected by a computer.
- A. Type mismatch.
 - B. Syntax
 - C. Logical
 - D. Underlined identifier error
271. A(n) is a set of commands from which a computer user can choose.
- A. Key word.
 - B. Interface
 - C. Menu
 - D. Icon
272. While waiting for a device, such as a printer, to become idle, the operating system places items in
- A. Pages
 - B. Buffers
 - C. Menus
 - D. Clients
273. A is responsible for keeping a computer room running smoothly.
- A. Programmer
 - B. Computer operator
 - C. System analyst
 - D. System manager
274. Efforts to narrow the gap in the include establishing community training centres and supplying teachers and students with necessary technology.
- A. Digital revolution.
 - B. Program revolution
 - C. Digital divide
 - D. Programs divide
275. Is a feature of Windows 2000 Server that allows network administrators to manage all network information including users, devices, settings, and connections from a central environment
- A. Plug and Play (PP)
 - B. File Allocation Table (FAT)
 - C. Active Directory (AD)
 - D. Graphical User Interface (GUI)
276. An IDA (Infrared Data Association) port
- A. Is a special type of serial port that connects the system unit to a musical instrument.
 - B. .can connect up to 27 different peripheral devices with a single connector type.
 - C. Is a special high speed parallel port used to attach peripheral devices?

- D. Allows wireless devices to transmit signals to a computer via infrared light waves.
277. The ENERGY STAR program encourages manufactures to create in use.
- A. Energy-efficient devices that requires no power when they are'
 - B. Energy inefficient devices that require a great deal of power when they are not.
 - C. Energy –efficient devices that require little power when they are not.
 - D. Energy inefficient devices that require no power when they are.
278. Which of the following validation checks can detect the date of birth of a student is incorrectly entered?
- A. Check digit.
 - B. Data type check
 - C. Range check
 - D. Consistency check
279. In terms of median salary Is the highest paid job title in the technical services group in a typical IT department.
- A. Graphics designer / illustrator.
 - B. Desktop publishing specialist
 - C. Quality assurance specialist
 - D. System programmer
280. Which of the following are the characteristics of a web mail account?
- (!) All web mails are virus free
 - (2) web mails can be accessed through any Internet Service Provider
 - (3) The user of a web mail account is not required to configure the incoming and out going mail server information.
- A. (1) and (2) only.
 - B. (1) and (3)
 - C. (2) and (3)
 - D. (1), (2) and (3)
281. A (n) is a data structure that items must be removed in the same order as they are added.
- A. Queue.
 - B. Linked list
 - C. Stack
 - D. Array
282. The Entered into a cell identifies the data and helps organize a worksheet

- A. Label.
 - B. Value
 - C. Formula
 - D. Function
283. The goal of a Microsoft technology called Is to make on screen reading as natural as reading from printed material.
- A. Clear type
 - B. PCL (Printer Control Language)
 - C. Post Script
 - D. DLP (Digital Language Printing)
284. The speed of a line printer is measured by the number of It can print.
- A. Character per second (CPS)
 - B. Lines per minute (1PM)
 - C. Pages per minute (PPM)
 - D. Pixels per second (PPS)
285. Through an extremely high speed network, develops and tests advanced Internet technologies for research, teaching, and learning.
- A. Internet (I1)
 - B. World Web Consortion (W2C)
 - C. Internet (I2)
 - D. World Wide Web Consortion (W3C)
286. In a local area network that has one network that has one network printer, the printing jobs of the printer will most likely be executed.
- A. Simultaneously.
 - B. On a first-come-first-serve basis.
 - C. On a time-sharing basis.
 - D. On a random basis.
287. must support a video standard to generate a desired resolution and number of colours.
- A. Only the video card.
 - B. Only the monitor.
 - C. Both the video card and the monitor.
 - D. Neither the video card nor the monitor.
288. The Is an international organization that establishes guidelines and specifications for oo (Object-Oriented) application development.
- A. Restricted Application Developers (RAD).
 - B. Document Object Model (DOM)
 - C. Object Management Group (OMG)
 - D. Common Gateway Interface (OGI)
289. An incremental back up, copies

- A. All program and data files.
 - B. Only the files that have changed since the last full backup.
 - C. Only the files that have changed since the last full back up or incremental back up.
 - D. Only the files that have changed since the last full backup or differential backup.
- 290., Which of the following is not a network operating system?
- A. Netware.
 - B. Unix.
 - C. Windows NT
 - D. Windows ME.
- 291..... printers have become the most popular type of colour for use in the home because of their lower cost and letter quality print.
- A. Thermal.
 - B. Ink-jet
 - C. Laser
 - D. Dot-matrix
291. A (n) organizes and coordinates how multiple users' access and share resources on a network.
- A. Stand-alone os
 - B. Network os
 - C. Embedded os
 - D. Registered os
- 292..... is a LAN technology that controls access to the network by requiring that network devices share or pass a special signal.
- A. TCP
 - B. Ethernet
 - C. WAP
 - D. Token ring.
- 293..... is the member of bits that a CPU processes at one time?
- A. Program size
 - B. Word size
 - C. Byte size
 - D. Record size
294. Employees that telecommute tend to have productive.
- A. Lower job satisfaction rates and are less.
 - B. Higher job satisfaction rates but are less.
 - C. Lower job satisfaction rates but are more.
 - D. Higher job satisfaction rates and are more.
295. Formatting is the process of
- A. Copying a document from memory to a storage medium.
 - B. Making changes to a documents existing content.
 - C. Changing the appearance, or overall look, of a document.

- D. Developing a document by entering text using a keyboard.
296. is any program instruction that a program never executes.
- A. Live code.
 - B. Dead code.
 - C. A finite loop
 - D. An infinite loop
297. A (n) Shows how other elements of a system interact with a major process.
- A. Entity relationship diagram.
 - B. System flow chart.
 - C. Data flow diagram.
 - D. Decision tree.
298. Kiosks located in stores, hotels, airports, and museums often have
- A. Digitizing tablets.
 - B. Touch pads.
 - C. Graphics tablets.
 - D. Touch screens.
299. Some personal paint / image editing software packages allow digital photographs to be sent to a (n) , which will send high-resolution printed images through the postal service.
- A. Multimedia authorizing service.
 - B. Online learning service
 - C. Slide show service
 - D. Online print service
300. A processing form
- A. Specifies links to other web sites.
 - B. Is a graphic that points to a URL
 - C. Collects data from visitors to a web site.
 - D. Tracks the number of visitors to a web site.
301. In a , a cable forms a closed loop, with all computers and devices arranged along the loop.
- A. Bus network.
 - B. Ring network
 - C. Hierarchical network
 - D. Star network
- 219 With ,a computer, a modem, and a regular telephone line are used to dial into an ISP or OSP.
- A. Dial-up access.
 - B. DSL
 - C. A cable modem.

D. All of the above.

302. In a three-generation backup policy, the Is the second oldest copy of the file.
- A. Great parents
 - B. Grand parent
 - C. Parent
 - D. Child.
303. Is Internet junk mail
- A. A banner ad
 - B. Spam
 - C. A revenue stream
 - D. A cookie
304. A , such as web TV, sits on top of or next to a television set and allows users to access the Internet and navigate web pages using a device that resembles remote control.
- A. Smart phone
 - B. Dumb terminal
 - C. Clocking station
 - D. Set-top box.
305. Using E-commerce, employees collaborate with each other, exchange data and information, and access in house databases, sales information, market news, and competitive analysis.
- A. B2C
 - B. C2C
 - C. B2B
 - D. B2E
306. A computer user may have CVS (Computer Vision Syndrome) if any of those conditions are present except
- A. Blurred or double vision.
 - B. Difficult focusing on the screen
 - C. Decreased sensitivity to light
 - D. Color fringes or after-images
307. Which of the following tasks is most suitable for spreadsheet program?
- (1). Calculating monthly installments for different interest rates.
 - (2). Plotting a chart for examination discussion
 - (3). Storing employee and inventory information for an international enterprise.
- A. (1) only
 - B. (3) only
 - C. (1) and (3)

- D. (1) and (2)
308. In a data flow diagram, a, which is a square, identifies an entity outside the scope of the system.
- A. Data flow
 - B. Data store
 - C. Source or agent
 - D. Process
309. An example of a (n) is an un installer, which removes a program that has been installed on a computer.
- A. Operating system
 - B. Application program
 - C. User interface
 - D. Utility program
310. A single inline memory module (SIMM) is different from a dual inline memory module (DIMM) because
- A. SIMMs typically use RDRAM chips, but DIMMs use SDRAM chips
 - B. With a SIMM, the pins on opposite sides of the circuit board connect together to form a single set of contacts.
 - C. SIMMs typically uses SDRAM chips, but DIMMs use RDRAM chips.
 - D. With a SIMM, the pins on opposite sides of the circuit board do not connect and while with a DIMM the pins on both sides of the circuit board connect.
311. The speed of a modem is 56K actually means that the modem transmits data at
- A. 56 Kilobytes er second.
 - B. 56 Kilobytes per second
 - C. 56 Kilobytes per minute
 - D. 56 Kilobytes per minute
312. Which of the following statements about a client-server local area network are correct?
- (1). A local network consists of a number of workstations connected to a server
 - (2). Work stations of a local area network may share resources located on the server
 - (3). A network operating system is required to control the flow of data between workstations.
- A. (1) and (2) only
 - B. (1) and (3) only
 - C. (2) and (3)
 - D. (1), (2) and (3)

313. The common characteristic (s) of a personal computer, a calculator, and a music box is / are
- (1). having a stored program
 - (2). using integrated circuits
 - (3). Being mechanically controlled
- A. (1) only
 - B. (2) only
 - C. (1) and (3)
 - D. (2) and (3)
314. The target department store is an example of a business because it has physical locations throughout the country as well as an online presence.
- A. Clicks-and mortar
 - B. Bricks-and-mortar
 - C. Ticks-and-mortar
 - D. Kicks-and-mortar
315. To prevent his son from using the computer for playing games, MR. NK can make use of a
- A. Keyword
 - B. Password
 - C. Check digit
 - D. Parity bit
316. Which of the following is an example of real-time processing?
- A. Processing the application for public housing
 - B. A report card system in a school
 - C. Editing a word processing system
 - D. A payroll system in a factory
317. is a common mouse operation in which the secondary mouse button is pressed and released to display a short cut menu
- A. Double-click
 - B. Rotate-click
 - C. Right-click
 - D. Point-click
318. Devices that capture data directly from source documents include all of the following except
- A. Optical character recognition devices
 - B. Speech recognition devices
 - C. Optical mark recognition system
 - D. Magnetic-ink character recognition reader.

319. Much of today's application software supports reports
- A. Office automation and creates TPS
 - B. Management information and creates DSS
 - C. Transaction processing and creates MIS
 - D. Online analytical processing and creates OIS
320. Approximately one-half of the \$ 400 billion computer industry sales totals are related to
- A. Equipment sales
 - B. software sales
 - C. service sales
 - D. information sales
321. A is the liaison between the users and the IT professionals, that is, they convert user requests into technical specifications.
- A. System analyst
 - B. Network administrator
 - C. Vendor
 - D. Steering committee
322. A computer allows user to type letters of the alphabet, number, spaces, punctuation marks, and other symbols.
- A. Key guard
 - B. Touch pad
 - C. Key board
 - D. Touch screen.
323. On the web,..... Is the appearance of motion created by displaying a series of still images in rapid sequence.
- A. A graphic
 - B. Audio
 - C. Animation
 - D. Virtual reality
324. Most printers also print bar codes
- A. Dot-matrix
 - B. Label
 - C. Shuttle-matrix
 - D. Line
325. The entered into a cell identifies the data and helps organize a worksheet
- A. Label
 - B. Value
 - C. Formula
 - D. Function

326. A brokering B2B site
- A. Acts as a middleman by negotiating the contract of a purchase and a sale.
 - B. Is a product supplier that allows purchasing agents to use a network to shop.
 - C. Provides specialized information about suppliers and other businesses
 - D. Uses a network to provide one or more services to businesses.
327. is a real-time communications service that notifies users when one or more people are online and then allows them to exchange messages or files or join a private chat.
- A. Electronic mail (EM)
 - B. Instant messaging (IM)
 - C. Streaming video (SV)
 - D. Streaming audio (SA)
328. Physical transmission media used in communications include all the following except
- A. Microwave cable
 - B. Twisted-pair cable
 - C. Coaxible cable
 - D. Fiber-optic cable.
329. Computer hardware includes all of the following except
- A. A system unit
 - B. Input and output devices
 - C. Storage and communications device
 - D. Application programs
330. A windows-based application programming language is
- A. COBOL
 - B. BASIC
 - C. Visual Basic
 - D. C
331. Some computer components, such as the, are internal and reside inside the system unit.
- A. Keyboard and mouse.
 - B. Processor and memory
 - C. Monitor and microphone
 - D. Printer and scanner
332. An applet
- A. Is an interpreted program that runs on the client
 - B. Tracks the number of visitors to the web
 - C. Is a compiled program that usually runs on the client
 - D. Collects data from visitors to a web site.

333. Voice mail,
- A. Is the exchange of text messages and computer files transmitted via a communications network such as local area network or the internet
 - B. Permits users to converse in real time with each other via the computer while connected to the internet
 - C. Functions much like an answering machine, allowing callers to leave a voice message for the called party.
334. A, is a type of compact disc that has tremendous storage capacities, enough for a full-length movie.
- A. DVD-ROM
 - B. CD-RW
 - C. CVD-ROM
 - D. DV-RW
335. A studio camera is a (n)
- A. Digital video camera that records video as digital signals, instead of analog signals.
 - B. Expensive, high-quality, stationary digital camera used for professional work
 - C. Portable digital camera that has many lenses and other attachments
 - D. Affordable, light weight digital cameras that provides acceptable image for the home user.
336. A popular tool used to plan and schedule the time relationship among project activities is called a
- A. Decision tree
 - B. Gantt chart
 - C. Data flow program
 - D. Project network.
337. Memory is the number that indicates the memory location
- A. Register
 - B. Address
 - C. Port
 - D. Bus
338. The Is composed of professionals and students working and interested in computer science and computer science education.
- A. ACM (Association for Computing Machinery)
 - B. CCP (Congress of Computing Professionals)
 - C. CSS (Computer Server Specialist)
 - D. MCP (Microsoft Computer Professionals)
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 - C. Determines whether a number is within a specified limit
 - D. Tests if the data in two or more associated fields is logical.

340. Unlike a software suite, the packages in an integrated software package
- A. Cannot be purchased individually
 - B. Each use a different interface
 - C. Don't share any common features
 - D. All of the above
341. A (n) is a small image that displays on the screen to represent a program, a document, or some other object.
- A. Icon
 - B. Menu
 - C. Pointer
 - D. Window
342. A wheel is a
- A. Pressure-sensitive pointing device shaped like a pencil eraser that is positioned between keys on the keyboard.
 - B. Steering-wheel type input device that is turned to drive a car, truck, or other vehicle.
 - C. Vertical lever that is moved in different directions to control the actions of a vehicle or player.
343. E-mail (electronic mail) is
- A. An internet standard that allows users to upload and download files.
 - B. A real-time typed conversation that takes place on a computer.
 - C. An online area in which users conduct written discussions about a particular subject.
 - D. The transmission of messages and files via a computer network.
344. holds data, instructions, and information for future use.
- A. Storage
 - B. Memory
 - C. Input
 - D. Output
345. A (n) program is responsible for creating file directories of a computer system.
- A. A database management
 - B. Operating system
 - C. Defragmenter
 - D. Compiler
346. Expert systems consists of two main components
- A. A check digit and before images
 - B. A default value and validation value
 - C. Relational algebra and report generators
 - D. A knowledge base and inference rules.

347. To provide security in a home, a can be set to take digital photographs at present time intervals or whenever motion is detected.
- A. PC camera
 - B. Studio camera
 - C. Field camera
 - D. Point-and-shoot camera
348. Linux can be obtained by
- A. Downloading it from the web free of charge
 - B. Buying a Linux book that includes a CD-ROM containing Linux
 - C. Asking a retailer to pre-install Linux on a new computers hard disk
 - D. All of the above
349. The contains more than 10 million criminal records, including nail finger prints, parole / probation records, mug shoot, and other pertinent information.
- A. NCIC
 - B. IAD
 - C. MSDT
 - D.
350. A database 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
351. All of the following are commonly used types of non impact printers except.....
- A. Laser printers
 - B. Ink-jet printers
 - C. Thermal printers
 - D. Dot-matrix printers
352. Which of the following pairs of information can uniquely identify a student in a school?
- A. Student name, class
 - B. Student name, class number
 - C. Class, class number
 - D. Student name, telephone number
353. If a manufacturer states access time in megahertz (MHZ), it can be converted to nanoseconds by
- A. Dividing the megahertz number into 1 million ns
 - B. Multiplying the megahertz number by 1 million ns
 - C. Dividing the megahertz number into 1 billion ns
 - D. Multiplying the megahertz number by 1 billion ns

354. The internet has its roots in a networking project started by the pentagons
- A. Advanced Research Projects Agency (ARPA)
 - B. Central Intelligence Agency (CIA)
 - C. National Aeronautics and Space Administration (NASA)
 - D. Internet Revenue Service (IRS)
355. A joy stick is a
- A. Pressure-sensitive pointing device shaped like a pencil eraser that is positioned between keys on the keyboard
 - B. Steering-wheel type input device that is turned to a drive a car, truck, or other vehicle
 - C. Vertical lever that is moved in different directions to control the actions of a vehicle or player
 - D.
278. The program development life cycle (PDC) consists of six steps
- A. Analyze problem, design programs, code programs, support programs, formalize solution, maintain programs
 - B. Plan ruble, design programs, code programs, test programs, formalize solution, and maintain programs.
 - C. Analyze problem, design programs, code programs, test programs, formalize solutions, and implement programs.
 - D.
279. For successful communications, a is needed that accepts the transmitted data instructions, or information'
- A. Sending device
 - B. Communications device
 - C. Communications channel
 - D. Receiving device
280. A (n) is a utility that removes an application as well as any associated entries in the system files
- A. File compression utility
 - B. Back up utility
 - C. Uninstaller
 - D. Screen saver
281. are PC Cards used to add memory capabilities to a computer
- A. Type 1 cards
 - B. Type 11 cards
 - C. Type 111 cards
 - D. Type 1v cards

282. are kept on a storage media such as a floppy disk, hard disk, CD-ROM or DVD-ROM and are input into the memory of a computer as needed
- A. Commands
 - B. Programs
 - C. User response
 - D. All of the above
283. Is a higher performance PGA packaging that places the chip on opposite sides of the pins.
- A. Dual inline package (DIP)
 - B. Flip chip-PGA (FC-PGA) package
 - C. Single edge contact (SEC) cartridge
 - D. Pin grid array (PGA) package
284. To plan and schedule a system development project effectively, the project leader must identify the
- A. Scope of the project
 - B. Activities to be completed and the order in which they must occur
 - C. Time and cost estimate for each activity
 - D. All of the above
285. To access a web application, users That offers the program.
- A. Purchase from a vendor
 - B. Download on an internet
 - C. Copy from a colleague
 - D. Visit the web site.
286. A (n) is a third-arty organization that manages and distributes software.
- A. Application Service Provider (ASP)
 - B. Web-based trainer (WBT)
 - C. Computer business transfer (CBT)
 - D. Digital teaching purveyor (DTP)
287. Workers telecommunicate for all of the following reasons except to
- A. Implement an unyielding, inflexible work schedule.
 - B. Reduce time and expense spent traveling
 - C. Eliminate travel during unsafe
 - D. Provide a convenient comfortable work environment
288. different operations can be represented in 6 bits
- A. 16
 - B. 32
 - C. 64
 - D. 128

289. Current technology supports live radio broadcasting, live videos, and live concerts due to Technology.
- A. Brokering
 - B. Streaming
 - C. Hosting
 - D. Shopping
290. , or eliminating the middleman, enables some B2C Companies to sell products at a lower cost and with faster service than comparable bricks-and-mortar businesses.
- A. Informediary
 - B. Submission
 - C. Disintermediation
 - D. Fulfillment
291. Scientists use to communicate with colleagues around the world
- A. LANS
 - B. The Internet
 - C. MANS
 - D. Blue tooth
292. A situation outside a Company's control, such as to , may cause an information system to be modified.
- A. Correct a problem
 - B. Improve the system
 - C. respond to competition
 - D. all of the above
293. The contents of Only can be read, that is, the contents cannot be erased or modified.
- A. CD-ROM
 - B. CD-RS
 - C. CD-RW
 - D. All of the above
294. Which of the following is least likely to occur when more and more organizations is society use computerized system?
- A. Productivity will increase
 - B. More computer related jobs will be created
 - C. Some people will be able to work at home
 - D. All employees will attend computer literacy courses.

295. Participants in a video conference need
 A. Video conferencing software
 B. A microphone and a speaker
 C. A video camera attached to the computer
 D. All of the above
296. is a public key encryption technology that stores the users private key and other information on a PC Card
 A. The data encryption standard (DES)
 B. Clipper chip
 C. RSA encryption
 D. Fortezza
297. A computer user may have CVS (Computer Vision Syndrome) if any of these conditions are present except
 A. Blurred or double vision
 B. Difficulty focusing on the screen image
 C. Decreased sensitivity to light
 D. Color fringes or after-images.
298. Suppose the format DDMMYY is used to represent dates. Which of the following is an invalid date?
 A. 070696
 B. 010203
 C. 022189
 D. 10376
299. A (n), which is used almost exclusively by the banking industry, can read text printed with magnetic ink.
 A. Bar code scanner
 B. Optical character recognition (OCR) reader
 C. Optical mark recognition (OMR) reader
 D. Magnetic-ink character recognition (MICR) reader.
300. When the URL of a web page displays <http://>, it means that
 A. The web page has data encryption protection
 B. The web page can only be accessed by registered users
 C. The web page requires a user password displays
 D. The web page is no longer available from the web server
- 301 Object-oriented and web development tools sometimes use a, such as visual basic.
 A. 5 GL
 B. 4 GL
 C. 3 GL
 D. 2 GL (Assembly Language)

302. In the PDLC, designing the programs involves all of the following tasks except
- A. Grouping each programs activities into modules
 - B. Meeting with the systems analyst and users
 - C. Devising a solution algorithm for each module
 - D. Testing solution algorithms.
303. Can provide up-to-date content on any type of computer platform and can cover a wide range of topics, from how to change a flat tire to creating documents in word
- A. WBT
 - B. CTS
 - C. MPR
 - D. GPS
304. Which of the following is an example of real time processing?
- A. Processing the application for public housing
 - B. A record card system in a school
 - C. Editing a word processing document
 - D. A payroll system in a factory
305. A is a combination of characters associated with a user name that allow access to certain computer resources
- A. Password
 - B. Buffer
 - C. Keyword
 - D. Driver
306. There are kilobytes (KB) in two megabytes (MB)
- A. 1000
 - B. 1024
 - C. 2000
 - D. 2048
- 307..... is a popular market segment on the web that includes banks, mortgage companies, brokerage firms, and insurance companies.
- A. Finance
 - B. Entertainment and media
 - C. Travel
 - D. Health
307. Viruses are activated in all of the following ways except by
- A. Deleting e-mail without opening or exchanging any attachments
 - B. Opening an infected file
 - C. Booting a computer with an infected floppy disk in the disk drive.
 - D. Running an infected program.
308. A polymorphic virus
- A. Modifies its program code each time it attaches itself to another program or file
 - B. Is a malicious-logic program that copies itself repeatedly in memory or on a disk drive until no memory or disk space remains.

- C. Is a malicious-logic program that hides a legitimate
- D. infects a program file, but still report the size and creation date of the original uninfected program

309. is a common data type consisting of lengthy text entries

- A. Object
- B. Date
- C. Memo
- D. Hyperlink

310. and large-format printers typically can handle paper with widths up to 60 inches because blue prints, maps, signs, posters and other such drawings and displays can be quite large

- A. Portable printers
- B. Label printers
- C. Plotters
- D. Photo printers

311. In terms of median salary is the highest aid job title in the technical services group in a typical IT department

- A. graphic design / illustrator
- B. desktop publishing specialist
- C. quality assurance specialist
- D. system programmer

312. An emergency plan

- A. Specifies the steps to be taken immediately after a disaster strikes
- B. Specifies the actions to be taken to restore full information processing operation
- C. Specifies how a company uses backup files and equipment to resume information processing
- D. Contains information for simulating various levels of disasters and recording an organizations ability to recover.

313. The speed of an inkjet printer is measured by the number of it can print

- A. Characters per second (cps)
- B. Lines per minute (lpm)
- C. Pages per minute (ppm)
- D. Pixels per second (pps)

314. Most is volatile, it loses its contents when the power is removed from the computer

- A. RAM
- B. CMOS
- C. ROM
- D. All of the above.

315. People interested in working with databases management system also may benefit from a certification in
- A. Hardware
 - B. Internet
 - C. Networking
 - D. All of the above
316. An instruction register is used for
- A. Coding an instruction
 - B. Holding an instruction
 - C. Decoding an instruction
 - D. Encrypting an instruction
317. All of the following are examples of devices usually installed in external drive bays (exposed drive bays) except
- A. Floppy disk
 - B. CD-ROM
 - C. Tape
 - D. Hard disk
318. All of the following are examples of network operating systems except
- A. Netware and Windows NT server
 - B. Os/2 Wap Server for E-business and Solaris TM
 - C. UNIX and Linux
 - D. Windows 98 and Mac OS.
319. A disaster recovery test plan
- A. Specifies the steps to be taken immediately after a disaster strikes
 - B. Specifies the action to be taken to restore full information processing operations
 - C. Specifies how a company uses backup files and equipment to resume information processing
 - D. Contains information for simulating various levels of disasters and recording an organizations ability to recover
320. Computing professionals typically obtain a certification by
- A. Passing an examination
 - B. Completing a project
 - C. Signing a form
 - D. Writing a paper
321. Provides high-speed Internet connections over a regular copper telephone line.
- A. Dial-up access
 - B. DSL
 - C. A cable modem
 - D. All of the above

1. The earliest computing aid is
 - A. Fingers
 - B. the abacus
 - C. the Pascal machine
 - D. the calculators.
2. The earliest invention by the Chinese is
 - A. the slide rule
 - B. the abacus
 - C. The Pascal machine
 - D. the calculator
3. A mechanical calculator that performs the four arithmetic operations is
 - A. the slide rule
 - B. the abacus
 - C. the calculator
 - D. Pascal machines
4. The father of computer is
 - A. Blaise Pascal
 - B. Bill Gates
 - C. Ada Augusta
 - D. Charles Babbage
5. The first electronic computer is
 - A. ENIAC
 - B. the Mark I
 - C. IBM-PC
 - D. IBM 4381
6. A computer is
 - A. a machine used to process data manually
 - B. a machine used to process data automatically
 - C. a machine used to store data
 - D. a machine that doesn't follow instructions
7. A computer can
 - A. process data
 - B. store data
 - C. recall data
 - D. perform all of the above.
8. A program is
 - A. a hardware

- B. a peripherals
 - C. a set of instructions
 - D. a processor.
9. A computer cannot
- A. draw a picture.
 - B. enlarge text
 - C. print pictures in color
 - D. baby sit
10. Another term for a computer program is
- A. hardware
 - B. software
 - C. peripheral
 - D. input-output
11. A peripheral is
- A. an input-output device
 - B. an input device
 - C. an output device
 - D. none of the above
12. Microchips are not found in
- A. digital watches
 - B. microwave ovens
 - C. calculators
 - D. grass cutters
13. The largest key on the keyboard is the
- A. return key
 - B. space key
 - C. Caps Lock
 - D. Backspace key
14. A virus is
- A. a small program
 - B. a piece of hardware
 - C. a peripheral
 - D. none of the above.
15. The voltage inside a monitor is about
- A. 240V
 - B. 100V
 - C. 30,000 V

D. 5 V

16. Which of the following is not a cursor control input device?

- A. Mouse
- B. Joystick
- C. MICR
- D. Keyboard

17. The part of the computer that does the processing is called

- A. ALU
- B. VDU
- C. control circuit
- D. RAM

18. The CPU consists of

- A. ALU and CU
- B. the CU only
- C. the ALU only
- D. programs only

19. RAM is also known as

- A. Random Access Memory
- B. main memory
- C. working memory
- D. All of the above.

20. What can a floppy disk be used as ?

- A. Input only
- B. Output only
- C. input and output
- D. None of the above

21. The least expensive printer is the

- A. laser printer
- B. ink-jet printer
- C. dot-matrix printer
- D. plotter

22. A printer that is extremely fast in printing is the

- A. laser printer
- B. ink-jet printer
- C. dot-matrix printer
- D. plotter

23. Another name for permanent storage is

- A. ROM
- B. floppy disk
- C. secondary storage
- D. hard disk

24. Programs needed to bring life to the computer when it is started are stored in the

- A. RAM
- B. Floppy disk
- C. ROM
- D. hard disk

25. A byte consist of

- A. 0 or 1 bit
- B. 0 bit
- C. 1 bit
- D. 8 bits

26. GUI selection items are

- A. Windows
- B. Names
- C. Icons
- D. all of the above

27. The command used to copy a file from a disk to another is

- A. COPY
- B. DIR
- C. VER
- D. diskcopy

28. operating system software is supplied to the user

- A. on ROM
- B. on RAM
- C. in the disk
- D. in the manual

29. A database contains _____.

- A. Records
- B. Lists
- C. Bits
- D. Disks

30. A device needed to communicate with computers using telephone lines is a

- A. Disk

- B. CPU
- C. MODEM
- D. VDU

31. Word-processing packages allow users to

- A. edit text
- B. save text
- C. print text
- D. do all of the above

32. A spreadsheet manipulates data arranged in the form of

- A. Columns
- B. Rows
- C. rows and columns
- D. none of the above

33. Which is not a function of a database ?

- A. creating a file
- B. Sorting records
- C. Printing reports
- D. Drawing a graph

34. A DOS is

- A. an application program
- B. a system software
- C. user-written software
- D. none of the above

35. The function of a software house is to develop

- A. Software
- B. Hardware
- C. the CPU
- D. RAM and ROM

36. Computer specialists working in software houses are called

- A. computer hackers
- B. programmers
- C. engineers
- D. technicians

37. User friendly means

- A. easy to learn and use
- B. easy to learn only
- C. easy to use only

D. hard to learn and use

38. A word-processor package allows you to create

- A. Letters
- B. Reports
- C. Books
- D. all of the above

39. Which is not a word processing package ?

- A. Lotus 123
- B. Word star
- C. Word Perfect
- D. Professional Write

40. Which of the following packages can be used for spreadsheet applications ?

- A. Lucid 3D
- B. Excel
- C. Supercalc
- D. All of the above

41. Accounting packages are used to monitor information related to

- A. sales
- B. inventory
- C. payroll
- D. all of the above

42. CAD is used by

- A. typist
- B. doctors
- C. lawyers
- D. engineers

43. A robot is

- A. a special purpose computer
- B. a computer controlled machine
- C. hardware + software
- D. all of the above

44. Graphics means

- A. pictures
- B. graphs
- C. charts
- D. all of the above.

45. The smallest dot on the screen is called a
- A. Turtle
 - B. coordinate
 - C. prompt
 - D. pixel
46. Which of the following can be used to represent numerical data ?
- A. A bar chart
 - B. a line chart
 - C. a pie chart
 - D. all of the above.
47. A slide is
- A. Metal plate
 - B. a film with plastic frame
 - C. a cardboard
 - D. an aluminum sheet
48. Transparencies are use with
- A. An OHP
 - B. a computer
 - C. a projector
 - D. a camera
49. Animation means adding
- A. Colour to pictures
 - B. text to pictures
 - C. boarders to pictures
 - D. motion to pictures
50. ABC in a presentation package represents a tool to create
- A. graphs
 - B. text
 - C. charts
 - D. files
51. In a slide show, one can control
- A. Sequencing
 - B. timing
 - C. fade effect
 - D. all of the above
52. A device used during a computer presentation is

- A. An LCD panel
- B. a printer
- C. a slide
- D. a camera

53. Transformation tools allow you to

- A. Rotate objects
- B. transformation tools
- C. cut objects
- D. join object

54. Shadows effects obtained using

- A. Coloring tools
- B. Transformation tools.
- C. special effects tools
- D. chart tools

55. which of the following is not a presentation graphics software package ?

- A. Word Star
- B. Harvard Graphics
- C. Powerpoint
- D. Illustrator

56. Which is not a special-purpose computers ?

- A. A PC
- B. A digital watch
- C. A microwave oven
- D. a robot

57. A terminal consists of

- A. the monitor and keyboard
- B. the monitor
- C. the keyboard
- D. the system unit and keyboard

58. Which is not a multi-user computer?

- A. A special computer
- B. A PC
- C. A minicomputer
- D. A mainframe computer

59. Which computer costs less than a few thousand dollars ?

- A. A super computer
- B. A PC

- C. A minicomputer
- D. A mainframe computer

60. A PC clone is

- A. an IBM compatible PC
- B. a PC from IBM corporation
- C. an Apple Macintosh
- D. an NEC minicomputer

61. A notebook PC is

- A. a multi-user computers
- B. a portable and single computer
- C. a special-purpose computer
- D. a super computer

62. Computers used for entertainment are

- A. minicomputers
- B. mainframe computer
- C. PCs
- D. Supercomputer

63. Microcomputers are used for

- A. word-processing
- B. sending and receiving mail
- C. entertainment
- D. all of the above

64. An ATM is a

- A. general-purpose computer
- B. mechanical machine
- C. special-purpose computer
- D. cash storing cupboard

65. A clinical thermometer is an example of

- A. a digital device
- B. an analog device
- C. an electrical device
- D. a PC

66. Which type of computer is suitable for on-line airplane reservation ?

- A. a PC
- B. A minicomputer
- C. A mainframe
- D. A supercomputer

67. Digital computers are preferred compared to analog computers because they are
- A. cheap
 - B. easy to make
 - C. easy to operate
 - D. all of the
68. A computer that is used for oil exploration is
- A. a microcomputer
 - B. a minicomputer
 - C. a mainframe computer
 - D. a notebook
69. Microchips are used in
- A. a microcomputer
 - B. a minicomputer
 - C. a mainframe computer
 - D. all of the above.
70. Technology __is the improper or incorrect use of technology.
- A. crime
 - B. fraud
 - C. abuse
 - D. none of the above
71. A computer user who steals information from other people's computers for bad purposes is called a
- A. criminal
 - B. technologist
 - C. hacker
 - D. programmer
72. A software package obtained without license is said to be
- A. pirated
 - B. duplicated
 - C. original software
 - D. shared
73. A software package which can be copied without paying for it is called
- A. pirated software
 - B. shareware
 - C. original software
 - D. freeware
74. We can improve computer security by the use of

- A. user names
- B. passwords
- C. IC numbers
- D. account number

75. The part of the virus that 'kills' the computer is the

- A. detonator
- B. disk
- C. infector
- D. memory

76. Attacks by viruses can be prevented by

- A.
- B. cold booting the computer
- C. using original software
- D. limiting authorised access
- E. all of the above ways

77. A form of virus which reproduces itself on the storage space is the

- A. infector
- B. WORM
- C. detonator
- D. antidote

78. The illegal copying of software is called

- A. piracy
- B. backup copy
- C. downloading
- D. non of the above

79. A package which can be download via the Internet for testing purposes before buying is called

- A. fireware
- B. shareware
- C. pirated software
- D. backup copy

80. The software which can be used to detect and clean viruses is

- A. anti-virus
- B. the operating system
- C. Microsoft Office
- D. all of the above

81. For security reasons data is sometimes converted before sending it

- A. Decryption
- B. Encryption
- C. Detection
- D. Correction

82. A virus can infect :

(i) program files (ii) data files

- A. (i) only
- B. (ii) only
- C. (i and (ii)
- D. neither (i) nor (ii)

83. Which one of the following is a word processing software ?

- A. Excel
- B. Word
- C. Access
- D. Power point

84. The key used for deleting the character to the right of the cursor is the

- A. delete key
- B. left arrow key
- C. backspace key
- D. right arrow key

85. The key used to move the cursor by a fixed number of spaces is the

- A. control key
- B. shift key
- C. tab key
- D. Alt key

86. The number of characters in one line and number of lines per page can be formatted by specifying the:

- A. paragraph setting
- B. page setup
- C. character setting
- D. column setting

87. To see the document layout before printing, we use the

- A. page setup
- B. print preview
- C. printer
- D. page break

88. The name of the word processor and the document name appear on the
- A. title bar
 - B. status line
 - C. ruler line
 - D. scroll bar
89. The buttons which you can click to initiate commands are on the
- A. status line
 - B. tool bar
 - C. ruler line
 - D. scroll bar
90. The movement of any word to the next line once it crosses the right margin is called
- A. left alignment
 - B. justification
 - C. right alignment
 - D. word wrap
91. Moving the document up, down, left or right is known as
- A. pg up
 - B. pg
 - C. scroll
 - D. all of the above
92. The cut and copy commands transfer the block to a
- A. rubbish
 - B. printer
 - C. clipboard
 - D. hard disk
93. A set of characters with a particular look is called a/an
- A. italic
 - B. font
 - C. bold
 - D. size
94. We can send the same letter to many different people using
- A. indentation
 - B. copy
 - C. mail merge
 - D. database
95. We can align text between the left and right margins by

- A. using indentation
 - B. justifying the text
 - C. specifying the left margin
 - D. specifying the right margin
96. An example of a desktop publishing software is
- A. Word Perfect
 - B. Word
 - C. Microsoft Word
 - D. Page Maker
97. The text which appears at the top of a page is known as
- A. the header
 - B. the paging
 - C. the footer
 - D. none of the above
98. A set of paper with a grid of columns and rows is called a
- A. Worksheet
 - B. database
 - C. package
 - D. document
99. An example of an electronic spreadsheet package is
- A. Word Perfect
 - B. Power Point
 - C. Lotus 123
 - D. Word Star
100. The equivalent formula for =sum(A10..A13) without the use of function is
- A. =A11+A12+A13
 - B. =A10+A11+A12+A13
 - C. =A10+A11+A13
 - D. =A10+A12+A13
101. Each cell in a worksheet has a unique name called the
- A. Column
 - B. row
 - C. number
 - D. address
102. Non-numeric entries into a worksheet are called
- A. Labels
 - B. functions

- C. numbers
 - D. formulas
103. The most common-used symbols before functions are
- A. =, + or @
 - B. -, + or =
 - C. &
 - D. #
104. A group of adjacent cells is known as a/an
- A. Formula
 - B. operation
 - C. range
 - D. function
105. Which formula can be used to find the average of the numbers in the range B10..B13 ?
- A. =AVG(B10:B13)
 - B. =(B10+B11+B12+B13)/4
 - C. =sum(B10:B13)/4
 - D. All of the above.
106. The function used for getting the current date and time is
- A. =Date()
 - B. =NOW()
 - C. =TIME()
 - D. All of the above.
107. If the formula D10+\$D\$3 is copied from G10 to H10, the formula in H10 is
- A. E10+\$E\$3
 - B. G10+D3
 - C. E10+\$D\$3
 - D. E10+\$D3
108. A string of commands placed in a column of cells on the worksheet is called
- A. record
 - B. a macros
 - C. A row
 - D. none of the above
109. The user can be guided to do a function such as charting with the use of
- A. A Wizard
 - B. a help command
 - C. Paintbrush

- D. none of the above
110. The facility that allows us to visualize the data in pictorial form is the
- A. Worksheet
 - B. macro
 - C. chart
 - D. justified
111. The numbers in a worksheet are always
- A. Centered
 - B. right-aligned
 - C. left-aligned
 - D. justified
112. To add data items stored in C1 to C1000, which formula should we use ?
- A. =sum(C1..C1000)
 - B. =sum(1..1000)
 - C. =DIF(C1..C1000)
 - D. =sum(C0..C1001)
113. The use of machine to do the thinking that was once done by people is known as
- A. automation
 - B. mechanization
 - C. thinking
 - D. all of the above
114. Which of the following is an automated system ?
- A. a machine
 - B. a human being
 - C. A robot
 - D. None of the above
115. The amount of output generated per unit of input measures
- A. ratio
 - B. productivity
 - C. automation
 - D. skill
116. The device used to make stock inventory at supermarkets easier is
- A. product labeling
 - B. the cash terminal
 - C. the manual sales ledger
 - D. the point of sale terminal

117. If the computers are interconnected within a building, we call it
- A. a LAN
 - B. the Internet
 - C. a WAN
 - D. a network
118. To clean the computer keyboards, mother boards, etc. we use
- A. CFC
 - B. dust covers
 - C. brushes
 - D. a vacuum cleaner
119. To reduce eye strain, computer screens must be covered with
- A. dust covers
 - B. plastic material
 - C. anti-glare screen filters
 - D. none of the above
120. A multipurpose card with a microchip to store your day-to-day data is
- A. the ATM
 - B. the smart card
 - C. the pass book
 - D. none of the above
121. An electronic meeting is known as
- A. tele-meeting
 - B. tele-officing
 - C. tele-shopping
 - D. tele-conferencing
122. An electronic newspaper is also known as
- A. tele-text
 - B. tele-shopping
 - C. tele-banking
 - D. tele-conferencing
123. To enable users to communicate with each other, Hiton High School operates a service known as
- A. Electronic News
 - B. Newsgroups
 - C. BBS
 - D. none of the above

124. Which one of the following is used to browse and search for information on the Internet ?
- A. Eudora
 - B. Netscape
 - C. FTP
 - D. Telnet
125. To connect to Brunei, a service from JTB, you need to have
- A. a computer with a modem
 - B. an account with JTB
 - C. a telephone line
 - D. all of the above
126. A popular service for sending or receiving mail on the Internet is
- A. the e-mail
 - B. the gopher
 - C. the FTP
 - D. none of the above
127. The signals that are sent from a computer to a speaker are
- A. digital signals
 - B. analog signals
 - C. audio signals
 - D. video signals
128. A sound card has
- A. a digital to analog convertor
 - B. an analog to digital signals
 - C. digital hardware
 - D. all of the above
129. The use of computers to design objects for manufacturing is called
- A. CAM
 - B. CAD/CAM
 - C. CAD
 - D. none of the above
130. The popularly-used CAD package for PCs is
- A. Paintbrush
 - B. Powerpoint
 - C. Autocad
 - D. none of the above
131. The storage device for multimedia is

- A. the CD ROM
 - B. the hard disk
 - C. CAM
 - D. an emulation
132. A computer model of the product before the actual manufacturing is known as
- A. CAD
 - B. A simulation
 - C. CAM
 - D. an emulation
133. Learning a subject through a computer is called
- A. CAL
 - B. CAM
 - C. CPI
 - D. none of the above
134. The biggest computer manufacture is
- A. ICL
 - B. Apple
 - C. IBM
 - D. HP
135. The giant software manufacturer for IBM PCs is
- A. IBM
 - B. Microsoft
 - C. Apple
 - D. HP
136. A person who services and repairs computers is
- A. a programmer
 - B. a design engineer
 - C. a technician
 - D. an operator
137. A person who gathers information from the users and then analyses and designs a suitable system is the
- A. system analyst
 - B. programmer
 - C. a technician
 - D. an operator
138. A person who runs a mainframe computer is the
- A. data entry clerk
 - B. operator

- C. technician
 - D. programmer
139. Which subject involves learning about computer hardware and software in greater detail?
- A. Computer Studies
 - B. Computer Science
 - C. Information Studies
 - D. All of the above
140. The department which is responsible for computer acquisition and maintenance is
- A. the computer centre
 - B. the library
 - C. the administration department
 - D. none of the above
141. A person who sells computers and provided detailed information customers is
- A. a programmer
 - B. an operator
 - C. a sales executive
 - D. a system analyst
142. The main advantage of a computerised database is that allows the user to
- A. do cross-referencing
 - B. do word processing
 - C. use a spreadsheet
 - D. draw illustrations.
143. The information in a database is divided into
- A. fields
 - B. records
 - C. files
 - D. All of the above
144. Database structure refers to _____ and the related information in a database.
- A. the layout of the field
 - B. the size of the data
 - C. the names of the files
 - D. the types of files
145. Relational operators are used when
- A. editing data
 - B. deleting data
 - C. creating data

- D. searching for data
146. Which is not a logical operator in a DBMS?
- A. EDIT
 - B. NOT
 - C. AND
 - D. OR
147. Which is not a field types for a DBMS program?
- A. Logical field
 - B. Text field
 - C. Numeric field
 - D. ASCII field
148. Which command do you use to retrieve records for viewing?
- A. Edit
 - B. Sort
 - C. Query
 - D. Report
149. Which is not a database operation?
- A. Creating
 - B. Editing
 - C. Searching
 - D. Mailing
150. For DBMS, retrieving means
- A. printing
 - B. editing
 - C. querying
 - D. cross-referencing
151. Which of these will prevent you from entering the wrong type of data?
- A. Field lengths
 - B. Field types
 - C. Validity checks
 - D. Record format
152. Which type of field allows you to enter an unlimited amount of information?
- A. Logical field
 - B. Text field
 - C. Numeric filed
 - D. Memo field

153. The function of a record pointer is ____ in a database.
- A. to locate the position of a record
 - B. to print a record
 - C. to sort the records
 - D. to pack the records
154. Complex queries can be made by using
- A. arithmetic operators
 - B. relational operators
 - C. logical operators
 - D. None of the above
155. The command for modifying the database structure does not allow us to change
- A. the field name
 - B. the field type
 - C. the field length
 - D. the records entered.
156. The mother tongue of a computer is
- A. assembly language
 - B. machine language
 - C. BASIC language
 - D. None of the above
157. Mnemonics are used in
- A. language
 - B. machine language
 - C. BASIC language
 - D. assembly language
158. A compiler is not used with
- A. assembly language
 - B. machine language
 - C. LOGO language
 - D. all of the above.
159. Which is not a computer translator?
- A. Interpreter
 - B. Compiler
 - C. Word processor
 - D. Assembler
160. Low-level languages are commonly used in

- A. games
 - B. simulators
 - C. robots
 - D. All of the above
161. The source code refers to
- A. original program listing
 - B. translated listing
 - C. instructions in mnemonic
 - D. instructions in binary
162. Which of these translates assembly code into machine code?
- A. Compiler
 - B. Interpreter
 - C. Editor
 - D. Assembler
163. The language used for science and education are
- A. BASIC and LOGO
 - B. Pascal and C
 - C. FORTRAN and C
 - D. COBOL and Pascal
164. The language used for business are
- A. COBOL & BASIC
 - B. COBOL & Pascal
 - C. COBOL & LOGO
 - D. COBOL & FORTRAN
165. The fourth generation languages are:
- A. assembly language
 - B. database languages
 - C. machine language
 - D. none of the above
166. Which generations of languages allow users to communication in natural languages?
- A. second generation
 - B. fourth generation
 - C. Third generation
 - D. Fifth generation
167. Which language is dependent on computer hardware?

- A. FORTRAN
 - B. COBOL
 - C. BASIC
 - D. Machine language
168. FTP stands for
- A. file transfer protocol
 - B. fast text processing
 - C. file transmission
 - D. fast transmission processor
169. The place in Internet for a group of people to discuss a common interest is
- A. the e-mail
 - B. Gopher
 - C. BruNet
 - D. a newsgroup
170. Our two eyes see slightly different images which together give us
- A. stereo vision
 - B. flat vision
 - C. virtual reality
 - D. 3-D graphics
171. The computer surpasses human beings in
- A. making jokes
 - B. having common sense
 - C. storing and recalling data
 - D. understanding speech
172. The field of artificial intelligence includes
- A. word processing
 - B. programming in BASIC
 - C. virtual reality
 - D. understanding natural language
173. Which Internet service allows you to search on-line for multimedia information?
- A. E-mail
 - B. BruNet
 - C. Web
 - D. Gopher
174. Applications of virtual reality include
- A. training for pilots
 - B. word processing
 - C. DBMSs

D. formatting diskettes

175. The law that requires people to make sure that personal information is safe from unauthorized access is called the

- A. personal information act
- B. information security act
- C. data protection
- D. unauthorized access act

176. The knowledge base of an expert system consists of

- A. the inference engine
- B. the perception system
- C. knowledge on diseases
- D. facts and rules

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178. Each dot of phosphor material on a CRT screen consists of a.....phosphor

- A. blue, a red and a yellow
- B. green, a yellow and a blue
- C. red, a green and a blue
- D. yellow, a green and red

179. Printed information, called....., exist physically and a more permanent form of Output than that represented on a display device

- A. Soft copy
- B. Carbon copy
- C. Hard copy
- D. Desk copy

180.languages are low-level languages.

- A. machine and assembly
- B. Assembly and third generation
- C. Third generation and Forth generation
- D. Forth generation and Fifth generation

181. Which of the following indicates the address of a web page on the address of a web page on in World Wide Web?

- A. WWW
- B. HTTP

- C. FTP
- D. URL

182. An important benefit of the data and information gathering techniques used during detailed analysis is that they.....

- A. allow the systems analyst to work with a proposed system before it is completed
- B. producing a working system that meets cost expeditions.
- C. builds valuable relationship among the systems analyst and users
- D. Identify the specific products needed to meet user requirement.

183. is a key to productive use of computers.

- A. Hard ware
- B. Soft ware
- C. Data
- D. Information

184. In essence..... is long distance health care and is used in such creases medical training, research, collaboration, decision making and treatment

- A. telemedicine
- B. neural networking
- C. simulation
- D. Green computing

185. Computers with one floppy disk drive refer to as drive.

- A. A
- B. B
- C. C
- D. D

186. A (n)..... Control the allocation and usage of hard ware resources.

- A. debugger
- B. compiler
- C. operating system
- D. application software

187. Assembly language programs are converted into language instructions by a (n).....

- A. assembler
- B. compiler
- C. interpreter
- D. debugger.

188. Every domain name contains a (n)..... Abbreviation that identifies the type of organization that is associated with the domain

- A. upper-level domain (ULD)
 - B. top-level domain (TLD)
 - C. dominant level domain (DLD)
 - D. super-level domain (SLD)
189. In a three generation back up policy the is the second oldest copy of the file.
- A. great- grand parent
 - B. grand parent
 - C. parent
 - D. child
190. All the following are advantages of CBT and WBT over traditional training except.....
- A. self-paced
 - B. cammon contents
 - C. .unique instructional experience
 - D. reduced training cost
191. Windows 2000 include all of the following features except.....
- A. requires less disk space and memory than the previous versions of windows
 - B. certifies device drivers to safe guard them from tampering
 - C. adapts start menu to display most frequently used applications
 - D. increases efficiently and protecting of mobile users.
192. On the web..... consists of full-motion images that are played back at various speeds
- A. audio
 - B. a graphic
 - C. virtual reality
 - D. video
193. Most people prefer to prepare for a certification exam by using as a training option
- A. data products
 - B. computerized adaptive testing
 - C. the HIB visa program
 - D. a combination of self-study, online and instructor-led classes
194. The most popular personal computer program is MERANT micro focus Net Express, which allows users to create procedural and object-oriented programs and migrate them to web
- A. Basic
 - B. C
 - C. RPG

D. COBOL

195. Soft ware allows numbers arranged in rows and columns to be calculated.

- A. ord processing
- B. Spread sheet
- C. Data base
- D. Presentation graphics.

196. Concerns with the accuracy of data transmission

- A. check digit
- B. priority bit
- C. range check
- D. Control total check.

197. The two computers in a network should In order to be able to communicate with each other

- A. use the same type of operating system
- B. use the same type of processor
- C. use the same communications protocol
- D. use the same type of modem

198. While waiting for a device, such as a printer, to became idle, the operating system places Items in

- A. pages
- B. buffers
- C. menus
- D. clients

199. Some manufacturers state access times in nanoseconds, a nanoseconds (ns) is one of a second

- A. billionth
- B. millionth
- C. Thousandth
- D. Hundredth

200. A (n) Is a biometric device that reads patterns in tiny blood vessels in the back of the eye, which are as unique as finger prints

- A. Signature verification system
- B. iris recognition system
- C. voice verification system
- D. face recognition system

201. E-commerce does all of the following except.....

- A. increases human resources and productivity
- B. wastes time for participants at both ends
- C. enhances communications among employees, customers, and vendors
- D. virtually eliminates the barrier of time and distance.

202. Network administrators, programming consultants and web page designers would be most interested in certification in.....

- A. programming
- B. network
- C. internet
- D. application

203. An information B2B site

- A. acts as a middle man by negotiating the contract of a purchase and a sale
- B. is a product supplier that allows purchasing agents to use a network to shop
- C. provides specialized information about suppliers and other businesses
- D. uses a network to provide one or more services to businesses

204. A (n) is an electronic device that contains much microscopic pathway that carries electrical current.

- A. icon
- B. pointer
- C. kiosk
- D. chip.

205. A NIC for is in the form of a type II PC card.

- A. notebook and other mobile computers
- B. desktop computers and workstations
- C. mainframes and super computers
- D. all of the above.

206. Viruses are activated in all of the following ways except by:

- A. deleting e-mail without opening or executing any attachment
- B. opening an infected file
- C. booting a computer with an infected floppy disk in the disk drives
- D. running an infected program.

207. A (n) program is responsible for creating file directories of a computer system.

- A. database management
- B. operating system
- C. defragmenter
- D. compiler

208. technology can sense actions and based logical assumptions and prior experiences, take the appropriate action to complete a task

- A. AI
- B. IT
- C. VR
- D. DL

209. is a process in which a user changes certain values in a spread sheet in order to reveal the effects of these changes.

- A. What-if analysis
- B. How-about analysis
- C. Why not-analysis
- D. Where-now analysis

210. The B2B market is expanding at The B2C market.

- A. a much faster than
- B. the same rate as
- C. a much slower rate than
- D. an undermined rate than compared with

211. is a LAN technology that allows personal computers to contend for access to the network

- A. TCP/IP
- B. Ethernet
- C. WAP
- D. Token ring.

212. A (n), which is used almost exclusively by banking industry, can read text printed with magnetic ink.

- A. bar code scanner
- B. optional character recognition reader (OCR)
- C. optional mark recognition reader (OMR)
- D. magnetic-ink character recognition character recognition reader (MICR)

213. soft ware includes computer aid-design, desk top publishing, and web page authorizing

- A. productivity
- B. Graphics and multimedia
- C. Communication
- D. Home and personal

214. Which of the following information should a user normally provide when logging on to a network?

- 1). User name
- 2). Password

3). E-mail address

- A. 1 and 2 only
- B. 2 and 3
- C. 1 and 3
- D. 1, 2 and 3

215. AGE is not a suitable field for a data base file STUDENT because.....

- A. AGE is a numeric field
- B. different student may be of different ages
- C. student with the same name may be of different ages
- D. AGE has to be up dated every year

216. A script

- A. Is an interpreted program that runs on the client.
- B. Tracks the number of visitors to a web site.
- C. Is a compiled program that usually runs on the client.
- D. Collects data from visitors to a web site.

217. Anyone with can participate in the e-commerce.

- A. Access to a computer.
- B. An internet connection.
- C. A means to pay for purchased goods or services.
- D. All of the above.

218. A Guides a finger or pointing device so a user presses only one key at a time

- A. Toggle key.
- B. Key guard.
- C. Function key.
- D. Key pad.

219. An electronic store front developer must realize that some merchandize, such as, does not transfer well to the web

- A. Software.
- B. Clothing.
- C. Hotel reservation..
- D. Books

220. A business or marketing web page contains

- A. Factual information.
- B. A variety of internet services from a single location.
- C. Content that describes a cause, opinion, or idea.
- D. Content that promotes or sells products or services.

221. According to the definition of a modem (to convert from analog to digital signals and vice versa), the use of the term modem in the context of is not correct.

- A. Internet modem.
- B. Dial-up modem.
- C. External modem.
- D. Digital modem.

222. For , data are stored for a period of time before they are processed altogether in a separate operation.

- A. Real- time processing.
- B. Batch processing.
- C. Online processing.
- D. Interactive processing.

223. The storage capacity of a Is more than enough to hold a telephone book containing every resident in the United States.

- A. DVD- ROM.
- B. CD-R.
- C. CD-ROM.
- D. CD-RW.

224. The manager of a company may use a to analyze a profit- and- loss account.

- A. Word processor.
- B. Spreadsheet program
- C. Data base management system.
- D. Graphics package.

225. A customer visits an online business at the Web –equivalent of a show room; the electronic store front, also called a (an)

- A. Online catalog.
- B. Secure server.
- C. Online auction.
- D. Shopping cart.

226. Physical access controls, such as locked doors and windows, usually are adequate to protect computer equipment against

- A. Software piracy.
- B. Hardware theft.
- C. Computer viruses.
- D. All of the above

227. A (n) is a program that copies itself into other programs and spreads through multiple computers.

- A. Virus.
- B. Menu.
- C. Icon.
- D. Macro.

228. Many national companies offer , which eliminates the costs of airfare, hotels, and meals for centralized training sessions.

- A. DL.
- B. VR.
- C. ES.
- D. AI.

229. Windows –based application programming language is

- A. COBOL.
- B. BASIC
- C. Visual Basic.
- D. C.

230. Which of the following file types contain sound information only?

- 1 WAV.
- 2 MID.
- 3 AVI.
- 4 MP4

- A. 1 and 2 only.
- B. 1 and 3 only.
- C. 2 and 3
- D. 3 and 4

231. Nearly all keyboards have That re pressed to switch between two different states.

- A. Numeric keypads.
- B. Arrow keys.
- C. Function keys.
- D. Toggle keys.

232. An advertiser at a site usually pays based on the number of , which occur when a visitor moves to the advertisers home page.

- A. Snap-shots.
- B. Click-throughs.
- C. Slip-shots.
- D. Brick-throughs.

233. Customers would have Privileges to the data in a video rental stores movie database, meaning they neither can retrieve nor change data.

- A. No access.
 - B. Read-only.
 - C. Full-update.
 - D. Write-only.
234. A brokering B2B site
- A. Acts as a middleman by negotiating the contract of a purchase and a sale.
 - B. Is a product supplier that allows purchasing agents to use a network to shop.
 - C. Provides specialized information about suppliers and other businesses.
 - D. Uses a network to provide one or more services to businesses.
235. The purpose of a feasibility study is to.....
- A. Discuss with the user how a particular computer system should be implemented.
 - B. Test and evaluate a particular computer system.
 - C. Decide what kind of a computer system should be installed.
 - D. Investigate whether the present system should be computerized.
236. Expert systems consist of two main components:
- A. A check digit and before images.
 - B. A default value and validation rules.
 - C. Relational algebra and report generators.
 - D. A knowledge base and inference rules.
237. Similar to their desktop counter parts, note book computers and hand held computers have a system unit that.....
- A. Cannot run using standard power supply.
 - B. Usually is less expensive than desktop computers with the same capabilities.
 - C. Contains electronic components that process data.
 - D. Houses devices such as the keyboard, pointing devices, speakers, and display.
238. When choosing software, all of the following factors should be considered except,
- A. Standards of the organization.
 - B. Interface with other programs.
 - C. Suitability to the application.
 - D. Limitation to a single system.
239. With a, the new processor chip is on a small circuit board that plugs into the motherboard.
- A. Piggy back upgrade.
 - B. Chip for chip upgrade.
 - C. Daughter board upgrade.
 - D. Tag- along upgrade.

240. Because is a non procedural language, many users claim it paved the way for 4GLS.

- A. BASIC.
- B. C.
- C. RPG.
- D. COBOL.

241. Many Work in combination with a database and its project dictionary.

- A. 1GLS (machine languages).
- B. 2GLS (assembly languages).
- C. 3 GLS.
- D. 4GLS.

242., is a category of ASP that provides applications for a particular industry, such as construction or health care.

- A. Volume Business ASP.
- B. Enterprise ASP.
- C. Vertical Market ASP.
- D. Specialist ASP.

243. is a type of out put that consists of music, speech, or any other sound.

- A. A graphic or graphical image.
- B. Audio.
- C. Text.
- D. Video.

244. A..... is a narrow recording band that forms a full circle on the surface of a disk.

- A. Track.
- B. Cluster.
- C. Shutter.
- D. Sector.

245. A Home PLC (Power line Cable) network, sometimes called a power line LAN,

- A. Uses radio waves, instead of cable, to transmit data.
- B. Is a net work that uses the same lines that bring electricity and power into thehome.
- C. Requires a separate cable to connect to each computer in the home.
- D. Is an inexpensive network that uses existing telephone lines in the home.

246. is the process of writing the result to memory.

- A. Fetching.

- B. Storing.
 - C. Decoding.
 - D. Executing.
247. The instruction cycle is the process of
- A. Getting an instruction from the main memory, then decoding and executing the instruction.
 - B. Getting an instruction from an input device, then translating and executing the instruction.
 - C. Getting a program from the main memory, then compiling and executing the program.
 - D. Getting data from the control unit and decodes it to output devices
248. A (n) Test verifies that all programs in an application work together properly.
- A. Data.
 - B. Systems.
 - C. Integration.
 - D. Acceptance.
249. Is an unsolicited e-mail message or news group posting sent to many recipients or news groups at once.
- A. A flame.
 - B. An emotion.
 - C. A spoiler.
 - D. Spam.
250. CD-RW drives have a write speed up to.....
- A. 12X, rewrite speed up to 4 xs, and a read speed up to 32 xs.
 - B. 4X, rewrite speed up to 32 xs, and a read speed up to 12 xs.
 - C. 32x, rewrite speed up to 12 xs, and a read speed up to 4 xs.
 - D. 12X, rewrite speed up to 32 xs, and a read speed up to 4 xs.
251. can provide up-to-date content on any type of computer platform and can cover a wide range of topics, from how to change a flat tire to creating documents in word.
- A. WBT.
 - B. CTS.
 - C. MPR.
 - D. GPS.
252. Most printers also print bar codes.
- A. Dot-matrix.
 - B. Label.
 - C. Shuttle-matrix.

D. Line.

253. Which of the following are required to connect to the Internet using dial-up access?

- 1 A modem.
- 2 A sound card.
- 3 A telephone line.
- 4 fax

- A. 1 and 2 only.
- B. 1 and 3 only.
- C. 3 and 4
- D. 4 and 2

254. Physical access controls, such as locked doors and windows, usually are adequate to protect computer equipment against.....

- A. Software piracy.
- B. Hardware theft.
- C. Computer viruses.
- D. All of the above.

255. Two popular type of Printers used for high-volume output are band and shuttle-matrix.

- A. Dot-matrix.
- B. Laser.
- C. Line.
- D. Inkjet.

256. Is a set of standards for digital transmission of data over standard copper Lines

- A. CATV (cable television line)
- B. ISDN (Integrated Services Digital Network).
- C. T- Carrier line.
- D. A synchronous transfer mode (ATM).

257. In addition to the mouse, other pointing devices include all the following except,

- A. The track ball and touch pad.
- B. The pointing stick and joystick.
- C. The keyboard and scanner.
- D. The right pen and touch screen.

258. The most popular vehicle for e-commerce is the online auction.

- A. B2C.
- B. C2C.
- C. B2B.

- D. B2E.
259. A compiler translates.....
- A. A (n) object program into a (n) source program.
 - B. A (n) source program into a (n) object program.
 - C. A (n) low-level program into a (n) high.
 - D. A (n) high-level program into a (n) low-level program.
260. Most current operating systems contain a program, called....., that can play the Audio in MP3 files on a computer.
- A. Player.
 - B. Mail box.
 - C. Tag.
 - D. Crawler.
261. Which of the following is an example of real-time processing?
- A. Processing the application for public housing.
 - B. A report card system in a school.
 - C. Editing a word processing document.
 - D. A payroll system in a factory.
262. The Defines a popular video compression standard.
- A. Advanced Research Project Agency (ARPA).
 - B. National Science Foundation (NSF).
 - C. Moving Pictures Experts Group (MPEG).
 - D. Internet Corporation for Assigned Numbers and Names (ICANN).
263. During the boot process, usually the operating system will look first in drive..... For the system files.
- A. A (the designation for a floppy disk drive).
 - B. B (the designation for a second floppy disk drive).
 - C. C (the designation for the hard disk drive).
 - D. D (the designation for a compact disk drive).
264. A computer **virus** is actually a.....
- A. Program.
 - B. Database file.
 - C. Hardware component.
 - D. Windows register.
265. consists of one or more twisted-pair wires bundled together.
- A. Twisted-pair cable.
 - B. Coaxible cable or coax.
 - C. Fibre-optic cable.
 - D. Infrared cable.

266. A sequence control structure
- A. Shows one or more actions following each other in order.
 - B. Tells the program which action to take, based on a certain conditions.
 - C. Collects data or instructions.
 - D. Performs one or more actions repeatedly as long as a certain condition is met.
267. Customers would have..... privileges to the data in a video rental stores movie database, meaning they neither can retrieve nor change data.
- A. No access.
 - B. Read-only.
 - C. Full-update.
 - D. Write-only.
268. A (n)....., which is used almost exclusively by the banking industry, can read text printed with magnetized ink.
- A. Bar code scanner.
 - B. Optical character recognition (OCR) reader.
 - C. Optical mark recognition (OMR) reader.
 - D. Magnetic-ink character recognition (MICR) reader.
269. E-mail (electronic mail) is.....,
- A. An Internet standard that allows users to upload and download files.
 - B. A real –time typed conversation that takes place on computer.
 - C. An online area in which users conduct written discussing about a particular subject.
 - D. The transmission of messages and files via a computer network.
270. The number of colors a video card can display is determined by it's
- A. Pixels.
 - B. Hertz.
 - C. Woofers.
 - D. Bit depth.
271. A is a request for specific data from a database.
- A. Function.
 - B. Query.
 - C. Formula.
 - D. Sort.
272. A musical instrument digital interface, or MIDI, port.....
- A. Is a special type of serial port that connects the system unit to a musicalinstrument

- B. Can connect up to 127 different peripheral devices with a single connector type.
- C. Is a special high-speed parallel port used to attach peripheral devices.
- D. Allows wireless devices to transmit signals to a computer via infrared light waves.

273., An upgrade to the Windows NT Workstation operating system, is a complete multitasking operating system that has a GUI.

- A. Windows 3x
- B. Windows 2000 Professional.
- C. Windows CE.
- D. Windows Millennium Edition.

274. Hard disks provide for access times than floppy disks.

- A. Lesser storage capacities and much slower.
- B. Greater storage capacities but much slower.
- C. Lesser storage capacities but much faster.
- D. Greater storage capacities and much faster.

275. Acquiring necessary hardware and software consists of all the following major tasks except.....

- A. Identify technical specifications.
- B. Solicit vendor proposals.
- C. Make a decision.
- D. Develop programs.

276. A program is a section of a program that performs a single function.

- A. Macro.
- B. Script.
- C. Module.
- D. Servlet.

277. The development of an Information System should follow all of the following except,

- A. Use phases.
- B. Limit management participation.
- C. Involve the users.
- D. Develop standards.

278. The project Helps every one keep track of the huge amount of details in a system.

- A. Dictionary.
- B. Request.
- C. Plan.
- D. Team.

279. Which of the following software package is most suitable for stock-checking in a supermarket?

- A. A word processor.
- B. A spreadsheet program.
- C. A database package.
- D. A graphics package.

280. The management activity of organizing involves.....

- A. Establishing goals and objectives and the strategies needed to meet these goals and objectives.
- B. Instructing and authorizing others to perform the necessary work.
- C. Identifying and combining resources so that a company can reach its goals.
- D. Measuring performance and, if necessary, taking corrective action.

281. What kind of a software can be used with image scanners to convert images of text into editable for that can be processed by a text editor?

- A. Magnetic ink recognition.
- B. Optical mark recognition.
- C. Optical character recognition.
- D. Bar code recognition.

282. Computer consultants, hardware technicians, help desk operators, and system administrators would be most interested in certification in.....

- A. Hardware.
- B. Programming.
- C. Operating systems.
- D. Database systems.

283. Contain text links to other documents.

- A. Hyper text databases.
- B. Multimedia databases.
- C. Group ware databases.
- D. Computer-aided design (CAD) databases.

284. Provides high-speed Internet connections over a regular copper telephone line.

- Dial-up access.
- DSL.
- A cable modem.
- All of the above.

285. developed as a procedural language similar to C, in its latest release is an interpreted scripting language with powerful text processing capabilities

- A. Java.
- B. Java Script.
- C. Perl.
- D. Perl script.

286. Digital Cameras use all of the following techniques to store images except.....
- A. Floppy disk and Super Disk.
 - B. Hard disk and magnetic tape.
 - C. Click! Disk and PC card
 - D. Mini-CD and micro-drive.
287. Is a high-level language commonly used for writing scientific programs.
- A. BASIC.
 - B. COBOL.
 - C. FORTRAN.
 - D. Pascal.
288. Universal Serial bus (USB) Port.....
- A. Is a special type of Serial port that connects the system unit to a musical instrument
 - B. Can connect up to 127 different peripheral devices with a single connector type.
 - C. Is a single high-speed parallel port used to attach peripheral devices.
 - D. Allows wireless devices to transmit signals to a computer via infrared light waves.
289. The..... Controls how data or instructions are entered into a computer and how information displays on the screen.
- A. Color library.
 - B. Instant messenger.
 - C. Data type.
 - D. User interface.
290. On the web is the use of computers to simulate a real or imaged environment that appears as a three dimensional (3-D) space.
- A. Virtual reality.
 - B. Audio.
 - C. Video.
 - D. Animation
291. Bus networks are very popular in because they are inexpensive and easy to install.
- A. LANS.
 - B. WANS.
 - C. MANS.
 - D. CANS.

292. Is a real-time communication service that notifies users when one or more people are online and then allows them to exchange messages or files.
- A. Electronic mail (EM).
 - B. Chat room (CR).
 - C. Web browser (WB).
 - D. Instant messaging.
293. All of the following are commonly used types of non impact printers except,
- A. Laser printers.
 - B. Ink jet printers.
 - C. Thermal printers.
 - D. Dot matrix printers.
294. The circuitry in the system unit usually in part of or is connected to a circuit board called the
- A. Bill board.
 - B. Sound board.
 - C. Mother board.
 - D. Snow board.
295. Two types of system software are the.....
- A. Operating system and application programs.
 - B. User interface and application programs.
 - C. Operating system and utility programs.
 - D. User interface and utility programs.
296. Is the electronic equipment of a user manual.
- A. A tutorial.
 - B. Online help.
 - C. An FAQ.
 - D. A wizard.
297. During design, the system analyst carefully designs every menu, screen, and report specified in the requirements.
- A. Database.
 - B. Input and output.
 - C. Program.
 - D. Documentation.
298. File Transfer Protocol is.....
- A. An internet standard that allows users to upload and download files.
 - B. A real-time typed conversation that takes place on a computer.
 - C. An online area in which users conduct written discussions about a particular subject.
 - D. The transmission of messages and files via a computer network.

299. With the disc acts like a floppy or hard disk, allowing users to write and rewrite data, instructions, and information onto it multiple times, instructions, and information onto it multiple times.

- A. CD-ROM.
- B. CD-R.
- C. CD-RW.
- D. DVD-ROM.

300. Some Can learn user's interests, develop a user profile, search the entire Internet to find relevant documents, and automatically deliver the information to the desktop.

- A. Neural networks.
- B. Network agents.
- C. Shopping carts.
- D. Electronic store fronts.

301. A computer is made up of tangible / physical parts called

- A. Electronics
- B. Equipment
- C. Hardware
- D. Peripheral parts

302. is a set of coded instructions that enable a computer to work.

- A. Bar code
- B. Software
- C. Programs
- D. Utility

303. The smallest unit of data storage is measured in

- A. Byte
- B. Bit
- C. Kilo
- D. Mega

304. Hard copy is to printer, while softcopy is to

- A. Speaker
- B. Monitor
- C. Camera
- D. Scanner

305. Secondary data storage is needed because data is kept

- A. Temporarily
- B. Permanently

- C. For sometime
 - D. For three minutes
306. A compact disk can store up to of data.
- A. 200 MB
 - B. 700 MB
 - C. 4.5 GB
 - D. 8.5 GB
307. To keep power distribution well grounded in a computer centre, the school should have a
- A. Power cable
 - B. Phase tester
 - C. Distributor
 - D. Regulator
308. How many characters are in a work "ST. FLORENCE S.S."?
- A. 13
 - B. 16
 - C. 17
 - D. 19
309. The smallest personal computer comes in the names of a under classification by size.
- A. PDA
 - B. Desktop
 - C. Laptop
 - D. Palmtop
310. You want to move a cursor on your monitor. You will require a
- A. Keyboard
 - B. Mouse
 - C. Touch pen
 - D. Sensor
311. Waiswa wants to buy storage medium with the highest storage capacity. Which one of the following will he need?
- A. Optical card
 - B. Floppy diskette
 - C. Hard disk
 - D. Punch card
312. To draw a sketch map of Uganda on a computer, senior two students will need a

- A. Graphic plotter
 - B. Pointing stick
 - C. Joystick
 - D. Light pen
313. A can act as both input and output device for a computer.
- A. Touch screen
 - B. Monitor
 - C. Touch pad
 - D. MIDI
314. A Computer is the biggest and most powerful computer in all.
- A. Mainframe
 - B. Handheld
 - C. ENIAC
 - D. Super
315. A computer periodically corrupts computer software when activated.
- A. Power
 - B. Switch
 - C. Worm
 - D. Virus
316. Computers have undergone computer generations.
- A. 3
 - B. 4
 - C. 5
 - D. 2
317. A computer can perform the following activities in a school except:
- A. Print examinations
 - B. Position students
 - C. Design school badge
 - D. Spraying bedbugs

CPU in full stands for:

- A. Central Police Unit
 - B. Central Processing Unit
 - C. Central Power Unit
 - D. Central Public Unit
318. Dot-matrix printers are examples of Printers.

- A. Laser
 - B. Impact
 - C. Non impact
 - D. Manual
319. The pixels monitor has the best colour resolution in all.
- A. 1024 x 768
 - B. 960 x 680
 - C. 800 x 600
 - D. 680 x 960
320. An individual dot of a picture element consist of _____ colours
- A. Y,M,C
 - B. M,Y, C
 - C. C,M,Y
 - D. C,Y,M
321. Compact Discs use _____ technology to save data on a unit layer.
- A. magnetic
 - B. laser
 - C. opta-mechanical
 - D. manual
322. A _____ is a root location of a website.
- A. DNS
 - B. HTTP
 - C. URL
 - D. TLD
323. 2Ah is a numbering system associated with _____ decimal
- A. Octal
 - B. Binary
 - C. Penta
 - D. Hexa
324. Colour resolution of most printers is measured in _____
- A. dots per inch
 - B. pixels
 - C. characters per second
 - D. pages per minute
325. A combination of a row and a column in spreadsheets gives rise to a _____
- A. workbook

- B. worksheet
 - C. cell name
 - D. cell
326. _____ is an example of a video input hardware device.
- A. Scanner
 - B. Webcam
 - C. Trackball
 - D. Eye gaze
327. A word processor will accept the following data types except _____
- A. yes / no
 - B. text
 - C. graphics
 - D. sound
328. A _____ holds more data.
- A. Optical card
 - B. Flash disk
 - C. DVD
 - D. DL-DVD
329. A floppy drive to read data off a storage medium needs a _____
- A. Floppy disk controllers
 - B. Read / write head
 - C. Floppy disk
 - D. Disk drive
330. _____ frequently disturb computer programs.
- A. Malware
 - B. Bug
 - C. Power fluctuation
 - D. Cross linked files
331. A computer to work well requires adequately grounded power supply devices that include _____
- A. UPS
 - B. Regularator
 - C. Power guard
 - D. Power unit
332. Hard copy is to printer while _____ is to system speaker.
- A. soft copy

- B. sound copy
 - C. sound
 - D. light
333. On a system case, a set of low power lights are examples of _____ devices.
- A. input
 - B. communication
 - C. processing
 - D. output
334. The last member of the 90x windows is _____
- A. Windows ME
 - B. Windows NT
 - C. Windows 95
 - D. Windows 98
335. _____ network depends of a token that is sent from one computer node to another.
- A. Star
 - B. Mesh
 - C. Ring
 - D. Bus
336. _____ keys are a set of keys that when pressed, operations of certain keys on the keyboard changes.
- A. Functional
 - B. Capslock
 - C. Special
 - D. Modifier
337. Computers developed during the mechanical era had _____
- A. set of gears
 - B. moving parts
 - C. a lot of wires
 - D. many accumulators
338. Presentations application packages have a tool that when manipulated, slides will move until when the user presses _____ key
- A. enter
 - B. escape
 - C. delete
 - D. backspace

339. To connect a computer to the internet, a users must have a _____ interface card.
- A. Network
 - B. Communication
 - C. Internet
 - D. TCP/IP
340. GIGO in full stands for:
- A. Garbage In Garbage Out.
 - B. Garbage Inside Garbage Outside.
 - C. Garbage Infront Garbage Outfront.
 - D. Garbage Inside Garbage Offside
341. A computer is said to be a stupid machine mainly because it:
- A. Works without getting tire.
 - B. Thinks all the time.
 - C. Does what it is instructed.
 - D. Spoils man's sight.
342. Hardcopy is to printer while is to remote control.
- A. Sound
 - B. Instruction
 - C. Signal
 - D. Light
343. Physical parts of a computer are known as:
- A. Software
 - B. Hardware
 - C. User
 - D. Procedures
344. Computer monitors are either CRT or
- A. DPI
 - B. BIOS
 - C. CPU
 - D. LCD
345. is the best type of printer recommended for high quality printouts.
- A. Dotmatrix
 - B. Braille
 - C. Inkjet
 - D. LaserJet

346. Magnetic tapes, Floppy diskettes and use magnetic technology to save data.
- A. Jazz disks
 - B. Hard drives
 - C. Compact discs
 - D. Flash drives
347. To draw a sketch map of Uganda, a senior two student will need a:
- A. Touch screen
 - B. Light pen
 - C. Monitor
 - D. Tough pad
348. P2P network functional relationship works well where computers share:
- A. Similar characteristics
 - B. Different instructions
 - C. Same server
 - D. Different computer nodes
349. LAN stands for:
- A. Little Area Network
 - B. Local Area Network
 - C. Longer Area Network
 - D. Linear Area Network
350. Computer travels from computer to computer with an aim of destroying files.
- A. instruction
 - B. malware
 - C. software
 - D. procedure
351. 121 is expressed in base:
- A. Binary
 - B. Octa
 - C. Hexa
 - D. Penta
352. Computer's critical parts are kept in a:
- A. Central processing unit
 - B. System's case
 - C. Computer box
 - D. Computer table

353. Impact printers are known for being:
- A. Slow
 - B. Fast
 - C. Economical
 - D. Quick
354. Which of the following is the correct meaning of MB?
- A. Mega bit.
 - B. Mega bytes.
 - C. More beans.
 - D. More buns.
355. Output of data is received from a computer via the following except:
- A. Monitor.
 - B. Printer.
 - C. All storage devices.
 - D. Microphone.
356. The two main examples of computers are:
- A. Laptops and Micro – computers.
 - B. Mainframe and Super computers.
 - C. Compaq and Elonex.
 - D. IBM compatible and Apple Macintosh.
357. Which of the following may generally mean hardware?
- A. Word processor.
 - B. Program.
 - C. Operating system.
 - D. Firmware.
358. The ability of a computer to handle more than one task at a go is called:
- A. Speed.
 - B. Versatile.
 - C. Diligent.
 - D. Artificial intelligence.
359. The term data is largely used to mean:
- A. Disorganised numbers.
 - B. Summarised information.
 - C. Anything on paper.
 - D. Raw facts.
360. the devices feed data to the computers.

- A. Output.
 - B. Storage.
 - C. Processing.
 - D. Input.
361. How many bytes are in the word COMPUTING?
- A. 9
 - B. 1
 - C. 10
 - D. 27
362. A computer is also a stupid machine because it:
- A. Does not get tired.
 - B. Does not think.
 - C. Can play music 24 hours.
 - D. Prints pornographic materials.
363. C.P.U in full stands for:
- A. Central Processing Unit.
 - B. Central Police Unit.
 - C. Computer Power Unit.
 - D. Computer Processor's Unit.
364. Which of the following will hold more data?
- A. DVD
 - B. CD
 - C. Floppy diskette.
 - D. SmartCard
365. To draw a sketch map of Uganda, one will use:
- A. Mouse.
 - B. Scanner.
 - C. Printer.
 - D. Stylus pen.
366. System Plays speeches from programs and CD-ROMS.
- A. Monitor
 - B. RAM
 - C. Speakers
 - D. ROM
367. Output, storage, processing and are essential during the entire data processing cycle.
- A. Hardware

- B. Software
 - C. Input
 - D. Communication
368. Which of the following is NOT an imaging device?
- A. Scanner
 - B. Digital camera
 - C. Web cam
 - D. Optical card
369. A Computer is the biggest in all.
- A. Micro
 - B. Super
 - C. Mainframe
 - D. Personal
370. Softcopy is to monitor while copy is to printer.
- A. Monitor
 - B. Printer
 - C. Hard
 - D. Paper
371. A computer program that is designed to propagate itself with a major aim of damaging computer programs is:
- A. Malware
 - B. Worm
 - C. Loveletter
 - D. Kylie
372. He troubleshoots company network, gives IP addresses, Configures NIC.
Network:
- A. troubleshooter
 - B. engineer
 - C. student
 - D. administrator
373. E-mail messages move in from one router to another.
- A. Envelopes
 - B. Packets
 - C. Groups
 - D. Clusters

THE END