

COURTESY: CASRICH HOUSING AGENCY 



OVER 500 LIKELY QUESTIONS ON COMPUTER excluding Chapter 5 and 11. Please study the mathematics in Chapter 5 and Read Every line in Chapter 11(Consult the textbook).

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PLEASE READ BOTH THE QUESTIONS AND ANSWERS CRITICALLY.

1. What are the two major groups of resources found in Computer?
Hardware and Software
2. An electronic circuit that executes computer programs is?
Central Processing Unit
3. is generally employed when the network is required to be controlled at the central node **An Active Central Node**
4. The private automated branch exchange (PABX) configuration is a good example of
A star LAN Configuration
5. The terminal requiring connection simply places connection request to the active hub which then decides whether to grant the request or not. TRUE/FALSE
True (the decision is always based on pre-programmed process)
6. In the case of the star network with passive central node, a may be employed at the hub in order to divide the incoming signals among all the terminals **A power Splitter**
7. The demerit in the implementation of a passive hub is that the splitting process causes loss in signal level at the hub in the form of attenuation. TRUE/FALSE **TRUE**
8. means that any piece of information can be accessed at any given time?
Random Access Memory
9. The interconnection of computers and other communication terminals over a geo graphical area for the purpose of communicating with each other and sharing available facilities is **Computer Networking**
10. The three main types of Computer based on their sizes are?
Microcomputers, Minicomputers and Mainframe computer.

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11. The function of Computer referred to as *Capturing or accepting data from the outside world* is known as? **Input Unit**

12. An electronic machine operating under the control of instructions stored in its own memory that can capture/accept data, manipulate the data according to specified rules, produce results, and store the results for future use is?

A Computer System

13. The smallest unit on a screen that can be tuned off and on or made different shades is **A pixel**

14. refers to the act of keeping or retaining data in electronic form so that it can be accessed or retrieved for use in the future?

Storage of Data

15. Can be thought of as the *heartbeat* of the computer?

Clock Speed

16. is responsible for most of the data processing in a computer system?

Central Processing Unit

17. Materials which the computer produces after carrying out some activity is **Output**

18. The Array of registers within a CPU is? **Register File**

19. A Mini frame computer optimized for speed and processing power is called?

Supercomputers

20. scanners open wide enough to allow you to lay a document or book flat on the glass surface.

Flatbed Scanner (you can even make a scan of your hand)

21. When a programmer is typing out a program, he is creating a textual document called?

Source Code

22. The distance between pixels on a computer monitor screen is

Dot Pitch

23. An external hardware device which takes processed data from computer to generate a hard copy of the data in form characters, symbols and perhaps graphics on paper is **A printer** **(The printed output is generally refereed to as hardcopy because it is in relatively permanent form**
24. 1DOT Matrix, Diasy-Wheel and line printer are examples of..

Impact Printers

25. Rearranging data in some order as well as other transformations carried out in data is known as? **Processing of data**
26. A computer can also communicate with, that is, transmit/receive data to/from, another computer across an electronic transport channel such as the ordinary telephone, radio, satellite. True/False **True**
27. A cabling scheme in a computer network is used to **Physically connect the computers**
28. refers to an activity in which data in human sensible form is converted into data in machine or electronic form **Input Function**
29. is used to provide instructions and Data to the processor faster than would be possible. **The Cache Memory**
30. A group of interrelated components that seeks to attain a common goal is? **A system**
31. There are basically three types of Cable used in LANs Today. Name them **Twisted pair, coaxial and fiber optic**
32. Most devices are connected to the bus through ...

A controller(which coordinates the activities of the device and the Bus)

33. A computer that has a microprocessor chip as its CPU is ?
Microcomputer

34. Where programs and data are stored when they are currently in active use is?

The storage or memory unit of a computer

35. The component of the personal computer that does the actual processing of data is called? **Microprocessor**

36. Circulatory, respiratory and alimentary are examples of?
System

37. determines the cost of a given P.C ? **Speed**

38. buses are used to connect separate hardware elements together such as connecting the processor to main memory and processor to input/output units **External Buses**

39. The most powerful Computer System with the Fastest processing Speed is? **Supercomputers**

40. Modems (*modulation/demodulation*), Network Interface Cards, Mobile Phones, Personal Digital Assistant (PDA) are examples of?

Communication devices

41. separates the parts of a servers name **Periods**

42. The last part of the server name indicates...

A web server category or top-level domain(e.g.com,.org etc)

43. Scanner can only scan individual sheets of paper, not books or objects.

A document Scanner

44. A group of wires on the main circuit board of the computer is

A bus (It is a pathway for data flowing between components

45. printer produces sharp, crisp images of both text and graphics, providing resolutions from 300 dpi up to 1200 dpi, which is near-typeset quality (NTQ)

Laser Printer (they are quiet and fast)

46. Images are represented on monitors by individual dots called **Pixel**

47. Microcomputers are often called **Personal Computers (PCs)**

48. A non-volatile storage device which stores digitally encoded data on a rapidly rotating platters with magnetic surfaces is

A hard disk drive (HDD)/hard drive/hard disk/fixed disk drive (it is distinct from its medium, such as tape drive and its tape or a floppy disk drive and its floppy disk)

49. The two common devices with which the computer can accept visual input is?

Scanner and Digital camera

50. is a network of networks **Internet**

51. Manipulating data or performing mathematical functions such as addition, subtraction, multiplication, division

52. What are the **5** basic components of a computer?

Input unit, Storage (Memory) Unit, Output Unit, Central Processing Unit, Communication Unit

53. The orientation of the print on the page is **Portrait and landscape**

54. Most devices are connected to the bus through ... **A controller which coordinates activities of the device and the bus**

55. *Laptop, Personal Digital Assistance, Desktop Computers* are examples of?

Microcomputers

56. The time it takes to access a particular location in storage is?
Latency

57. The relevant unit of measurement for latency is?

Nanosecond for primary storage and Millisecond for Secondary Storage

58. In modern computers, Location-addressable storage usually limits to

Primary storage (accessed internally by computer programs)

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59. In sequential access, The accessing of pieces of information will be in Order
Serial order(typical of off-line storage)
60. In Random Access any location in storage can be accessed at any moment in approximately the same amount of time. TRUE/FALSE
True (well suited for primary and secondary storage)
61. EGA stands for
Enhanced Graphic Adapter
62. HTML stands for
Hypertext Markup Language
63. A file format that contains embedded instructions called “tags” that produces specific effects such as bold text, colored backgrounds or underlined links is
HTML(hypertext Markup line)
64. A common protocol or language in the computer network is used
By the Computer to communicate
65. Type of impact printer are serial (character) printers **Dot-Matrix and Daisy-Wheel (They print one character at a time)**
66. A software that describes the shape and position of letters and graphics to the printer is
A page description Language
67. Capturing Activity using,, or,
Keyboard, Scanner or Digital Camera or Microphone
68. lets users share information with users on another network that may be thousands of miles away **Internet**
69. The input unit of a computer performs three functions namely;
Capture or accept data, Convert data into binary form called machine codes and Transmit Converted Data into an area in the memory
70. The disadvantage of the gas plasma displays are that they must use AC power and cannot show sharp contrast. TRUE/FALSE?

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True

71. Name three of the first desktop LCD Computer monitors
Eizo L66 in the mid-1990s, The Apple Studio Display in 1998 and the Apple Cinema Display in 1999.

72. Many types of ROM are slow and memory must be erased in large portions before it can be rewritten. TRUE/FALSE **True**

73. Postscripts from Adobe Systems and Hewlett-Packard Graphic Language (HPGL) are examples of

Page Description Language

74. The number of times per second that the electron gun scan every pixel on the screen is.. **The refresh rate**

75. computers are used primarily by government agencies to perform the high-speed number crunching needed in weather forecasting and military applications **Supercomputers**

76. type of cable is the least expensive medium because of its widespread and used by telephone companies

Twisted pair Cable (capable of handling data transfers at rates of up to 100 megabits.

77. A global communications work that carries a variety of computer-generated data, such as document, e-mail, pictures, videos and music is **Internet**

78. storage is the only one directly accessible to the CPU
Primary Storage (or main memory or internal memory)

79. a powerful high-end microcomputer that operates on one or more microprocessor CPU's are?

A workstation/Servers

80. *Keyboard, mouse, trackball, touch pad, track point, graphic tablet, joystick and touch screen* are examples of
Input Unit

81. An activity in which the computer communicates information to the user in the form of text or images on the screen or paper, sound/audio or video **The Computer Function**

82. An HTML Tag may tell a Web browser program how to display a piece or text or graphics or it may direct a browser to another file or document. TRUE/FALSE

True

83. The software that displays Web pages on your computer screen by interpreting HTML tags that are embedded in each web page is

A web browser

84. Contains the most recently accessed code and data

The Cache

85. Dot Pitch is measured in **millimeters**

86. Generally Buses may be used to convey,,

And

Data signals, data address signals, control signals and power

87. The volume of amount of information that a computer can accommodate for temporary as well as permanent storage is?

Memory Capacity

88. An electronic device for reading printed barcodes is **A barcode reader (or barcode scanner)**

89. The full name for CU is? **Control Unit**

90. A collection of computers that are connected together so they can share information is **A network**

91. The bus linking the CPU to the rest of the system hardware consist of three major buses

The address bus, the data bus and the control bus

92. Memory is typically organized into several levels called? **Hierarchy**

93. Allows information to be overwritten at any time **Read/Write Storage or Mutual storage**

94. Modern computers typically use read/write storage also fro secondary storage. TRUE/FALSE **True**

95. Read only storage retains the information stored at the time of manufacture. TRUE/FALSE **True**

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96. allows the information to be written only once at the point after manufacture

Write once storage

97. Read only storage and Write once storage are called **Immutable storage(used for tertiary and off-line Storage)**

98. Basically network can be and

Peer-to-peer networks and Client/server network

99. Any piece of Computer hardware equipment used to communicate the results of data processing carried out by a computer system to the outside world is

An output device

100. Twisted pair Cable can either be unshielded twisted pair or shielded and can be used with voice and data.
TRUE/FALSE **True (The shield on the cable helps to prevent signal onterference to and from outside signals)**

101. Everything we tell the computer, by typing, writing, talking, touching etc is referred to as? **Input**

102. type of impact printer prints an entire line at one time
Line Printer

103. Format is when the height is longer than the width
Portrait format

104. storage is the first in the hierarchy? **Primary Storage**

105. The fifth function of Computer is?

Communication

106. A web browser handles link between web pages.

TRUE/FALSE

True

107. Special Computer programs called Extend the variety of files and media that your browser can display on a web page

Plug ins

108. A message that contains information to help a web server identify you and perhaps customize the information that it presents is **A cookie**

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109. Color laser jet printers use toner that isto create all the colors of the rainbow
Black, cyan, magenta and yellow 110.
Clock Speed is measured in?
Units of Cycle per second CALLED HERTZ(Hz)
111. is formed by connecting two or more LANs with a router
A WAN or Wide Area Network
112. A set of corresponding tracks on different platters is
Cylinder (a stack of tracks of fixed radius)
113. The way your computer gains access to data communications network in the internet is **Internet Connection**
114. How is a secondary storage different from Primary storage?
It is not directly accessible to the CPU
115. The Computer has two types of memories namely; **Primary (or Main Memory) and Secondary (or auxiliary or backing storage)**
116. The most famous series of supercomputers were designed by?
Seymour Cray
117. Type of impact printer is capable of producing true letter-quality output on plain paper
Daisy-wheel Printer
118. CD-ROM and CD-R are examples of ... storage
Immutable storage
119. memory will retain the stored information even if it is not constantly supplied with electric power
Non volatile memory (suitable for long term storage)
120. In 1950s and 1960s non volatile memory was used for primary storage. TRUE/FALSE
True (now it is used as secondary, tertiary and off-line storage in the form of magnetic core memory)
121. Does Volatile Memory require power to maintain stored information?
Yes it requires Constant power

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122. The fastest memory technologies of the world are volatile ones.
YES/NO

Yes

123. The total amount of information that can be stored in storage device or medium is called **It's Capacity**

124. Storage Capacities is expressed in ...

Bytes

125. Why are Tertiary Storage used for massive data storage? **Because the amortized per byte storage cost is usually two orders of magnitude less than on-line storage.**

126. What is the difference between a removable drive and a removable disk?

Removable disks are self-contained removable storage devices detachable whole from their hosts

127. Storage can be based upon removable media, based upon a complete removable storage such as a removable hard drive contained

in a removable portable enclosure. TRUE/FALSE **True**

128. Mishandling your optical disk may it affect your data.
TRUE/FALSE

FALSE (it can quickly make your data unreadable)

129. Group of 8 bits is called

A byte (it can represent decimal numbers ranging from 0-255)

130. 1 TB(TERABYTE) is equals to GB and Megabytes **1024GB and 1,048,578 Megabyte**

131. Solid-State devices(no moving parts) that read and write data electrically instead of magnetically are **Memory cards / Flash memory**

132. means that access to information can be randomly or sequentially

ROM (non-volatile technology)

133. Any piece of computer hardware equipment used to communicate the results of data processing carried out by a computer system to the outside world. **An output device**

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134. carries data to and from a location in the memory **The data Bus (this location is specified by a number called its address, which is carried on the address bus)**
135. Format is when the width is larger than the height
Landscape format
136. Repeated motion from the keyboard to mice can lead to
Carpal Tunnel Syndrome
137. printer uses a laser beam light source to create images on a photographic drum. **Laser Printer**
138. The register file can contain both and
General Purpose Registers (GPRs) and Floating Point
139. The actual execution power of a processor depends on
Clock Speed
140. To be able to manage graphics and complex page design, a laser print works with a
Page Description Language
141. The brain behind the computational ability of the computer is?
Microprocessor
142. Gives a more natural feeling control for motion in games, especially where you are flying a plane or spaceship
A joystick
143. The Cache is typically developed in
Static Random-Access Memory (SRAM)
144. Laser printers are not designed to handle photo paper.
TRUE/FALSE
True
145. is a global network and refers to all the interconnected data sources and computers are kind the world.
The Internet
146. The internet began as ...

A military research project

147. The first major packet switching network created in the 1970s by the US defense Department is ...

ARPAnet(Advanced Research Project Agency Network)

148. The National Science foundation (NSF) established five supercomputers and connected them via their own network, NSFnet in what year

1980s

149. In computer network, all computers are equal **Peer-to-peer (Ideal for home or small office)**

150. CRT Technology remained dominant in the P.C monitor market because it was cheaper to produce and offered viewing angles close to 180 degrees. TRUE/FALSE?

TRUE

151. A network scattered over a wide geographical area or might even span the globe connecting multiple of computers with thousands devices in two or more continents is

Wide Area Network

152. The most commonly used CPU in computer is made by?
Intel

153. The resolution of a visual display unit is usually expressed as

The number of columns by the number of rows

154. Which President canvassed for the development of a second generation of the internet

Bill Clinton

155. In a group of people would meet without all coming to the same location or venue **Teleconferencing**

156. Teleconference is done electrically by voice over radio or telephone conference call by one way television or still by computerized teleconferencing known as **Computerized Conferencing**

157. The physical memory which is typically resides off the CPU chip is?

Main Memory

158. A video display standard that has a resolution of 640 by 350 pixels and supports 16 colours is

EGA (Enhance Graphic Adapter)

159. The transmission of raw data from the user(outside the computer) into the computer memory for possible processing is?

Input

160. The images displayed on the monitor consists of pixels

Tens of thousands

161. Type of impact printer require perforated, pin-fed paper to advance forms through the paper path and maintain alignment with the print head.

Dot Matrix and Line Printers

162. Why is an inkjet printer more expensive to operate than a laser printer?

The ink needs replenishing more often

163. The computer that you use to access the internet is called

Client Computer

164. A bus interconnects devices through a set of parallel lines and that the lines are classified as ...

Data lines(Data Bus). Address Lines(Address bus) and Control lines(Control bus)

165. A characteristic of a Computer is that it can be used for general purpose, True or False

True

166. may be used as *server* computers to supply files to client computers over a network?

Workstation Class Microcomputers

167. In most modern computers, hard disks are usually used as secondary storage. TRUE/FALSE **True**

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168. The surface of a platter is organized as a number of concentric center called **Tracks**

169. Each tracks is divided into ...

Sector

170. The unit of transfer between the disk and the primary memory is **A Block**

171. The time taken to access a particular block consists of **The seek time(time to move the heads to the right track), the latency(time waiting for sector to come round to the head) and the block transfer time(time to actually transfer the data)**

172. A display Technology that creates characters by means of reflected light is

LCD

173. Type of cable provides a large band width (BW) of upto 400 MHz and the capability to support high data transfer rates **Coaxial Cables (Designed to minimize errors during data transfer)**

174. A collection of parallel electrical conductors called **LINES** onto which a component may be connected is?

Bus

175. Pixel is also called

A dot (A pixel is one cluster of three dots : red, green and blue)

176. *Palmtops, Workstations, Personal Digital Assistance* are examples of?

Microcomputer

177. A computerized conferring has three levels of control.

Namely

Public Conference, Close Conference(uses a specific password for selected few) and Read only Conference(everyone can read but only participants can comment).

178. *RAM and ROM* are examples of **Primary memories of a computer**
179. From your home computer, you typically provide an internet access using phone lines- in a type of access referred to as **Dial-up connection**
180. Computers that are designed to be used by one person at a time is **Microcomputers**
181. *Processor register and processor cache* are types of ... **Sub layers of primary storage besides main large-capacity RAM**
182. In Computer Network, atleast one machine (or possible more) is a dedicated server **Client/Server network (it is dedicated to a specific task)**
183. *Magnetic Storage, Optical Storage, Solid State Storage and Flash Memory Devices* are examples of? **Secondary memory**
184. A monochrome printer can only produce an image consisting of one colour, usually black. TRUE/FALSE **True**
185. buses are used within the processor to link its arithmetic logic unit (ALU), control unit (CU) and other internal registers **Internal Buses**
186. Visual display Units(Monitors), printers and speakers are Devices **Output**
187. The close the memory is to the CPU, the faster and ore expensive it is. TRUE/FALSE? **True**
188. Coverts drawings, photos etc to digital signal **Digitizers and Graphic Tablets**
189. The full name for *RAM* is **Random Access Memory**
190. A colour printer can produce images of multiple colours. TRUE/FALSE **True**

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191. The main memory is usually implemented in
- Dynamic Random-Access Memory(to take advantage of Drams low cost, low power drain and high storage density)**
192. One of the simplest architectures is based upon **A single general-purpose bus**
193. When you establish a dial up connection, your client computer connects to ..
- Internet Service Provider (ISP) such as American online(AOL) and AT & T WorldNet**
194. The full name for *ROM* is **Read Only Memory**
195. The two main types of coaxial cable used in LANs are
- Baseband and broadband**
196. Stack of magnetic platters rotate together to m a central spindle at about
- 600 – 15,000 rpm**
197. The surface of a platter is organized as a number of concentric centre called **Tracks**
198. Each tracks is divided into ...
- Sector**
199. The unit of transfer between the disk and the primary memory is **A Block**
200. The time taken to access a particular block consists of **The seek time(time to move the heads to the right track), the latency(time waiting for sector to come round to the head) and the block transfer time(time to actually transfer the data)**
201. A laser printer uses static electricity to stick plastic powder (toner) on the paper then melt it onto the paper using a hot roller.
- TRUE/FALSE**
- True**
202. Plasmas are generally only about inches thick **six**

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203. uses a touch sensitive pad for controlling cursor **Glide Pad**
204. Most CRT monitors have a dot pitch of
0.28mm or less
205. The movement of funds from one bank account(current or savings) to another bank account, usually in an encrypted electronic format is
Electronic Funds Transfer (EFT)
206. is also known by the following name: *fund sweep, direct debit , direct credit and direct deposit, automatic checking, automatic payment, automatic clearing house etc* **Electronic Transfer Process**
207. An EFT(Electronic Transfer Process) System involve the electronic movement of funds and fund informations between financial institutions. TRUE/FALSE **True**
208. EFT (Electronic Transfer Process) uses And for providing financial transactions or transferring money
Computers and Telecommunications (The transfer is based on information and does not involve traditional money.
209. What is electronic banking?
When you can bank with either your own computer or with an automatic teller terminal
210. EGA(Enhanced Graphic Adapter) supports previous display modes and requires a new monitor, TRUE/FALSE
True
211. The transmission of possibly unstructured data from outside the compute to inside the computer is? **Input**
212. The full name for *CPU* is
Central Processing Unit
213. A colour printer that can produce images that mimic the colour range (gamut) and resolution of prints made from photographic film is **A photo printer**

214. printers use sticks of wax ink that are melted into liquid

Solid-ink Printer

215. An output device is not directly accessible to the CPU but is connected to it through some circuitry called

An interface on the Computer's electronic wiring called the motherboard or parent board

216. The type of cable that transmits data using light pulses rather than electric signals is

Optical Fibre Cables

217. The amount of dots printed per square inch is **Resolution**

218. Specialized Software that convert voice signals and store the digital equivalent is? **Voice Synthesizers**

219. Computer Devices and recording media that retain for some interval of time, digital data used in computing is **Storage used in Computing**

220. Nearly all barcodes contain analyzing the barcode's image data provided by the sensor and sending the barcode's content to the scanner's output port. **Decoder Circuitry**

221. Pen Inputs are used especially in.....

Personal Digital Assistances

222. are video capturing devices connected to computer or computer networks, often using USB or, if they cannot networks, ethernet or WI-FI.

Webcams

223. The three types of server are

File Server, Print Server and Application Server 224.

The full name for *AMD* is?

Advanced Micro Devices

225. The degree of sharpness of a displayed character or image is

Screen Resolution

226. The refresh rate is measured in
Hertz
227. Pixel are measured in
DPI (Dots Per Inch) or PPI (Pixel Per Inch)
228. is any human interface device that allows a user to input spatial data to a computer.
A pointing device
229. A company that sells access to the internet for a fee is
ISP (Internet Service Provider)
230. CRT's receive their picture through ...
An analogue Cable and it is decoded by the display controller, which handles the internal component of the monitor
231. The full name for *PDA* is? **Personal Digital Assistant**
232. A relatively high-speed printer that uses the process of electrography, or xerography method used in a copy machine is **A laser Printer**
233. Impact and non-impact are...
Two major printer technology
234. Most Data goes first into the
Central memory (loosely referred to as random access memory)
235. The material in which the computer produces after carrying out some systematic activity is ? **Output**
236. Without formatting there would be no way to know what data went with what. TRUE/FALSE **True**
237. A formatting method allows you to efficiently use the space while still being able to find things stored in a disk. TRUE/FALSE **True**
238. Is the minimum space used by any read or write head to read or to write data **One cluster**
239. A 1.2 gig hard drive will have cluster twice as large as 500 MB hard-drive
240. The only way to reduce the amount of slack space is **To reduce the size of a cluster by changing the method of formatting**

241. Input Devices can be classified according to Modality of input and whether the input is discrete or continuous, TRUE/FALSE

True

242. Printers are excellent for printing on transparencies and other non-porous media

Solid ink printers (Commonly used as colour office printers, education environment)

243. Processor registers are located inside the ... **Processor**

244. There are two primary types of computer monitors

Cathode Ray Tube (CRT) Monitor and Liquid Crystal Display Monitor

245. Talking Data into the computer when your hands and eyes are busy is?

Talking Data

246. A very high-resolution standard that displays up to 65, 536 colors is

Super VGA

247. The cable is of very small size hair-like fibre optic stand 125 microns of outer diameter. TRUE/FALSE

True

248. *Cassette tapes, floppy disk and Hard disk* are examples of? **Magnetic Storage (Secondary Memories)**

249. *CD-ROM, CD-Recordables, CD-Rewriteable and DVD* are examples of?

Optical Storage (Secondary Memories)

250. printers are only available from one manufacturer *Xerox*

Solid-Ink (Manufactured as part of their Xerox Phaser office printer line)

251. Another name for *Main Memory* is? **Primary Memory**

252. Dot pitch is a measure of display resolution. TRUE/FALSE

True

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253. The closer the pixels are, The dimmer the image on the screen can be. TRUE/FALSE?

False. The closer the pixels are, the sharper the image on the screen can be

254. VGA stands for?

Video Graphic Array

255. printers are widely used in calculators and fax machines

Thermal printers

256. The movement of funds from one bank account(current or savings) to another bank account, usually in an encrypted electronic format is

Electronic Funds Transfer (EFT)

257. is also known by the following name: *fund sweep, direct debit , direct credit and direct deposit, automatic checking, automatic payment, automatic clearing house etc* **Electronic Transfer Process**

258. An EFT(Electronic Transfer Process) System involve the electronic movement of funds and fund informations between financial institutions. TRUE/FALSE **True**

259. EFT (Electronic Transfer Process) uses And for providing financial transactions or transferring money **Computers and Telecommunications (The transfer is based on information and does not involve traditional money.**

260. What is electronic banking?

When you can bank with either your own computer or with an automatic teller terminal

261. server are used to share files and printers **File Server**

262. Name the three pixel colours that Plasma combine to create the entire spectrum of colours

Red, Green and Blue (It results to richer colours than LCD or CRT displays)

263. The mice which uses a laser to sense the motion of the mouse is

Optic Mice

264. server are used to share files and printers **File Server**

265. An LCD monitor is composed of how many specially treated plates of polarized glass pressed together. **Two**

266. An activity in which the computer communicates information to the user in the form of text or images on the screen or paper, sound/audio or video is

The Computer Output Function

267. A terminal consists of And

Keyboard and A screen (so it can be an input device)

268. Another name for *Back Storage* is? **Secondary**

Memory

269. The smallest unit on the screen that can be turned on and off or made different shades is **A pixel**

270. Why is optic fibre cable the best available communication media?

Because of its excellent electrical noise immunity, difficult to trap, light weight, small in size and less prone to vandalization

271. Like Barcode reader/scanner consists of a light source, a lens and a light sensor translating optical impulses into electrical ones,

Flatbed scanner

272. Non-Impact printers are now used everywhere because they are faster and quieter than impact printer since they have fewer

moving parts. TRUE/FALSE **True**

273. Another name for *Microprocessor* is?

Central Processing Unit

274. is used to measure the number of time a screen is refreshed in a second **The refresh rate**

275. The first goal of *data automation* is

To avoid mistakes in data entry by making the initial entering of the data as automatic as possible

276. Registers are among the fastest of all forms of computer data storage TRUE/FALSE **True**

277. Controller can be regarded as for the monitor **Mini-CPU**

278. When you first turn on your computer, The program code will reside in

Secondary Storage (disk storage) 279.

Another Name for CRT is? **Cathode**

Ray Tube

280. Keyboard is curved to fit the natural fall of the wrists **Ergonomic Keyboard**

281. represents the lowest point in our memory hierarchy since it is closest to the processor. **The Register File**

282. Color Monitors need transistors for each pixel **Three, one for red, green and blue**

283. The number of times per second that the electron gun scan every pixel on the screen is **The refresh rate**

284. Lan usually adopts graded index ‘multi mode’ fibre optical cable. TRUE/FALSE

True

285. A special computer or program that stores information and ‘serves’ it out to clients, customers, companies and others is **An Internet Server/ the host**

286. The density of the determines the clarity of the image **dots**

287. An integrated circuit (IC) package or chip that contains millions of transistors and other components fabricated into the silicone is?

Microprocessor

288. LCDs are difficult to read in a strong light because.... **They do not emit their own light**

289. The advantage that A cathode Ray Tube Monitor has over a Liquid Crystal Display Monitor is that it is cheaper, more durable and able to withstand being damaged and remain functional, have superior contrast. True/false

True

290. Mouse, trackball, glide pad, joystick, touch screen, touch pad etc are examples of ? **Pointing Devices**

291. Monitor is used in portable computer such as laptop, notebook and palmtop sized PCs

LCDs Screens(Liquid Crystal Display)

292. ... printer employs a printing process that uses heat to transfer dye to a medium such as a plastic card, paper or canvas?

A dye-sublimation printer (or a dye-sub printer)

293. Webcams are well-known for their low manufacturing costs and flexible applications. TRUE/FALSE **True**

294. A specially coded document that can contain text, graphics, videos and sound clips is **A web page**

295. server is dedicated to receiving print jobs into a print queue and then spooling them to the printer **Print Server**

296. The distance between pixel on a computer monitor screen is **Dot Pitch (it is another measure of display resolution and it is measured in millimeters)**

297. An intermediate stage between ultra-fast registers and it is much slower than main memory is

Processor Cache (Introduced to increase performance)

298. A CRT has a large vacuum tube in the back, with a cathode containing a heated filament(electron gun) pointing forward

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towards the viewer, The electron gun can also be referred to as... **Cathode- hence the fired forwards are called Cathode Rays**

299. is the only memory connected to the processor? **The Random-Access Memory**

300. In most modern computers, hard disk are usually used as Storage

Secondary Storage

301. Are made at points along the length of the bus by means of connectors with multiple electrical contacts
Connectors

302. Telling the Compute what to do instead of typing commands is

Command and Control

303. The *Cray-1* was built in and installed in

1976 and installed at Los Alamos National Laboratory

304. CRTs were dominant visual display unit until when they were gradually replaced by LCD Technology **The late 1990s**

305. Printers dominated the computer scene when manufacturers introduced reasonably- priced inkjet and laser models for desktop

Impact Type Printer

306. Constructing Computers using combinations of similar standard component which allows for easy replacement of faulty components is called?

Modular Structural Design

307. Memory is typically organized into several levels called
Hierarchy

308. The full name for ALU is? **Arithmetic Logic Unit**

309. The circuit board introduced by the IBM and the first graphic standard for the IBM PC is **Color Graphic Adapter**

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310. printers are intended primarily for high-quality colour applications, including colour photography; and are less well-suited for text.

A dye Sublimation Printer (now mainly used as photo printer)

311. Allows you to follow a thread of information from one web page to another following user's own associative pathway and needs in a concept called *browsing/surfing*

Hypertext links

312. The number of times per second that every pixel on the screen and is measured in Hertz **The refresh rate**

313. The resolution board of a Video Graphic Array is
720 by 400 pixels

314. Computers are usually bigger than single chip computers and are constructed on thin flat sheets of electrical board known as **Printed Circuits Boards (PCBs) Single-Board Computers**

315. Data transfers between the And **Processor and Memory**

316. input devices used to specify a position on the screen

Pointing devices

317. A pixel is also called

A dot

318. type of printer forms characters and images without direct physical contact between the printing mechanism and the paper

Non-Impact Printers

319. The device controller for the monitor is

A graphics Adapter

320. External Speakers are connected through...

Either USB port or audio out port marked with a headset symbol

321. Server shares applications **Applications server**
322. The time taken to access a given byte of information stored on a hard disk is typically
A few thousandths of a second or milliseconds
323. The advantage a Liquid Crystal Display Monitor has over a Cathode Ray Tube is that an LCD is lighter and more compact, requires less electricity to power and tends to have better resolution. TRUE/FALSE
True
324. A graphics printer that creates a hard copy version of a digitally rendered design is
A plotter (The design is sent through a graphics card)
325. The three differently colour phosphours for each pixel (known as Phosphor triads) are
Red, Blue and Green
326. Data only passes between memory and the input/output units via the **Processor**
327. Is printed on products to track inventory and calculate the sale at the checkout counter is **Barcodes**
328. Why are terminals called Dumb?
Because they cannot process Data on their own
329. A computer can be operated by means of a sequence of instructions called
A program
330. Liquid Crystal Display Monitor (LCD) are built in considerably larger sizes than CRT (Cathode Ray Tube) TRUE/FALSE
TRUE
331. Another name for Laptop Computer is? **Notebook Computer**

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332. Direct Input is almost necessarily absolute but indirect input may be either absolute or relative. TRUE/FALSE **True**

333. determines the clarity of the images in a monitor

The density of the dots

334. Terminals are also called.....

Display Terminals and Video Display Terminals or VDT

335. computers are found in such devices as watch, cameras, etc with specialized processors, programmed to do a specific task and are not immediately recognizable as computers are

Single-chip Computers

336. The computer that store web pages are called

Web servers

337. The refresh rate is measure in **Hertz**

338. The fourth function of the Computer is?

Displaying Information

339. Colour Graphics Adapter supports Colours **4**

340. The electronic link between the processor and the monitor is

A graphics Adapter

341. Minicomputers became available in what year? **1960s**

342. can require you to to speak a special phrase and the computer must recognize your voice to let you in **Security measures (Speaker recognition)**

343. The three basic types of server are

File server, Print Server and Application Server

344. Flat panel monitors use a variety of technologies, the most common being ...

LCD (Liquid Crystal Display)

345. Historically, early computers used delay lines, Williams tubes or rotating magnetic drums as primary storage.

TRUE/FALSE

True (by 1954 it was replaced by magnetic core memory)

346. LCDs can suffer from dead pixels while CRT's do not.
TRUE/FALSE?

True

347. Why do microprocessors need cooling systems to keep them from overheating?

Because of the large amount of Circuitry packed into such a tiny chip

348. The largest and heaviest of monitor types is
CRTs

349. The memory Hierarchy includes the following levels

Register Files, Cache Memory, Main Memory and Secondary or External or Auxiliary Memory (disk, tapes, etc)

350. Plotter differs from printers in that plotters use continuous lines to create images whereas printers can only stimulate lines by printing a closely spaced series of dots. TRUE/FALSE **True**

351. contains information about a specific topic, company, organization, person, research area, event or place
websites

352. On Computer Motherboards, the CPU is covered by a large metal..... with *fins* to enable the airflow from cooling fans to carry the heat away **Heat Sinks**

353. The second goal of data automation is

To avoid having to reenter data to perform a different task with it

354. is used to hold a subset of the main memory. **Cache Memory**

355. is a variant of LCD Monitor that used thin-film transistor technology to improve on the existing LCD technology making a more brilliant display

Thin-Film Transistor Monitor

356. and are the two basic types of buses

Internal and External Buses

357. A data storage system that uses a driver that accepts removable media, a storage rack for the removable media and a robot arm to transfer media between the storage rack and the drives is **A tertiary Storage System**
358. What are the causes of Data loss?
Physical damage, blocking of laser light by dirt, paint, ink, glue and corrosion of the reflecting layer
359. Optical disk are cleaned by wiping around the disk. TRUE/FALSE
FALSE(optical disk are cleaned with a clean cotton cloth by wiping from center to the outer edge)
360., or Can be used for cleaning stubborn dirt on the optical disk
Isopropyl alcohol, methanol or CD/DVD cleaning detergent 361.
Optical devices are handled by the edges or center hole.
TRUE/FALSE
True (don't use an adhesive label it can corrupt your data)
362. Optical disks are stored flat even for long periods.
TRUE/FALSE? **FALSE (They are stored upright on edge like a book in a plastic case designed specifically for them) dnt bend it**
363. Optical disk is a type of non magnetic storage. TRUE/FALSE
TRUE
364. Optical disk is made mainly of
Polycarbonate (a plastic)
365. Digital Versatile Disks(DVD) can hold up to gigabytes **4**
366. The most common type of Optical disk is the **CD-ROM (Compact Disc- Read ONLY Memory)**
367. The time taken to access a given byte of information used stored in random access memory is measured in

Billionths of a second/Nano second

368. The three types of non-impact printers are **Ink-jet printers, laser printers and solid ink**

369. In networking, any client computer connected to the network that server resources may be called

Workstation

370. Programs (and the associated data) are known as? **Software**

371. is used to measure the number of time a screen is refreshed in a second **The refresh rates**

372. RAM is small sized, light, expensive, volatile and lose information when there is power failure. TRUE/FALSE **True**

373. Any peripheral (piece of computer hardware equipment) used to provide data and control signals to an information processing system (such as Computer) is **An**

Input device

374. Cathode Ray Tubes, Printers, Monitor Speaker are examples of?

Output Devices

375. The person who creates, updates and maintains a web site is called

A webmaster

376. What type of computer are all information within the computer digital in nature or binary numbers that is, strings of 0's and 1's

Digital Computer

377. We have three types of Network

Local area Network (LAN), Metropolitan area network(MAN) and Wide Area Network (WAN)/Long haul network

378. Flash memory, floppy disks, magnetic tape, paper tape, punch cards, standalone RAM Disks and Zip drives are examples of

Secondary Storage Technologies

379. A network service for transmitting messages from one computer to another is

Electronic Mail(it involves sending text and graphic data cross computer electronically)

380. An important feature of electronic mailboxes is the ability to store message in an area designed as a mailboxes and to forward message to the recipient when convenient.

TRUE/FALSE

True

381. When a caller leaves a message for someone who is unable to come to the telephone is

Voice Mail (sent in analogue form and converted to digital energy and stored in computer memory)

382. Is also known as information utilities and are libraries on task

Bibliographic Service

383. is used to divide a network

Bridge

384. enables to distinct LANs to be joined by local or remote links to form what appears to be a single LAN? **Bridge**

385. Bridge filters data only letting data packets across addressable device or PC to the other side. TRUE/FALSE **TRUE**

386. Bridge can connect LANs to different type of network together. TRUE/FALSE **True**

387. Is used to connect large numbers of LANs as much as twenty five lines **Router**

388. enable distinct LANs to be connected to a resilient wide area mesh network. **Router**

389. Sound cards convert digital data into sounds **Analogue sounds that comes out as output through the computer speakers**

390. is located on the motherboard to display information and in relied on by the LCD

Video Card

391. The electronic link between the processor and the monitor is

A graphics Adapter

392. Why are plotters much slower than printers?

Because of the mechanical motion necessary to draw detailed graphics using continuous lines

393. is used to measure the number of time a screen is refreshed in a second **The refresh rate**

394. The arrangement in which the processor only accesses data via the memory bus is

An alternative arrangement, more commonly found on larger minicomputers and miniframes

395. Multiple-Board, bus computers are usually general-purpose Computers. TRUE/FALSE

True

396. Computers are used for extremely calculationintensive tasks such as *Nuclear Bomb Detonations, Aerodynamics flows and Global Weather Patterns*

Supercomputers

397. The main page of a web site is called **A home page**

398. A small-sized (a few bytes) of high-speed memory within the CPU is **A register**

399. A pixel is one cluster of dots **Three dots (red, green and blue)**

400. Three distinctly different forms of architecture available from smallest to largest is;

Single-chip Computers, Single-board Computers and Multiple-board bus-based Computers

401. An advantage of ink-jet printer is that it allows other devices, such as copiers and scanners to be integrated in one unit.
TRUE/FALSE

True

402. The CRTs has a Shape **Distinct Funnel Shape**

403. The three types of computer monitor commonly used are..
Cathode Ray Tube, Liquid Crystal Displays (LCDs) Monitors and Gas Plasma Display

404. is used for storing both the instructions and the data for the program to be executed

Memory

405. Translating Spoken words direct to type is
Speech to Text

406. DVD- ROM used to stand for Digital Video Device or Digital Versatile Device but not anymore. TRUE/FALSE **True**

407.,, and disks are rewritable and are made with Phasechanging metal alloy film Aluminum
CD-RW, DVD-RW, DVD+RW and DVD+RAM

408. and Form the digital data
Pits(depressions) and lands (Surfaces)

409. An option for backup storage of changing data is
Rewritable disk

410. In theory, you can erase and write on CD-RW as many as **1000 times**

411. You can erase and write on DVD-RW as many times as **100,000 times**

412. A optical disk is much sturdier than tape or a floppy disk.
TRUE/FALSE

True

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413. Optical disk is sensitive to being touched. TRUE/FALSE **False, it is not sensitive**
414. Optical Disk is unaffected by magnetic fields. TRUE/FALSE **True**
415. Optical disk hold much more data than floppy disk.
TRUE/FALSE **True**
416. Textlinks usually appear as blue or green underlined words.
TRUE/FALSE
True (While graphic links appear as pictures)
417. A handheld microcomputer is? **Personal Digital Assistance**
418. One of the Major differences between an LCD and CRT is that the LCD is Flat and CRT is massive and heavy.
TRUE/FALSE?
True
419. A network in one location, such as the corporate office is
A LAN or Local area network(it can be client/server or peerpeer network)
420. Single Board Computers are constructed on thin-flat sheets of electrical board known as **Printed Circuit Boards (PCBs)**
421. CGA stands for ...
Color Graphic Adapter
422. Plotters are ore expensive than printers and are used in engineering applications where precision is mandatory.
TRUE/FALSE
True
423. Is a non-impact printer mechanism that sprays one or more colours of electrically charged droplets ink from four nozzles through holes in a matrix at high speed onto the paper produces high-quality printouts of text and graphics **Ink jet**

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424. A type of Desktop PC used to support engineering and technical users who perform heavy mathematical computing, Computer – aided designs (CAD) and other applications requiring a high-end processor is? **A workstation PC**

425. Plasma screens create a high-resolution picture by lighting up thousands of tiny dots (or pixels) with a high energy electron beam. TRUE/FALSE

True

426. As of 2009, The differential break in monitors was around?
20 inches

427. The special machine that reads mark on paper is **Optical Marks**

428. High-end Workstation have essentially supplanted the role of minicomputers true or false? **True**

429. The back of a credit card has a that contains magnetically encoded numbers

Magnetic Strip

430. A dumb terminal has no ability to process or store data. TRUE/FALSE

True (vice a versa an intelligent terminal)

431. The registers are constructed out of and could be in length

Fast Flip Flop and could be 32-bit or 64-bit in length

432. An array of registers within the CPU is

Register Files

433. and make up the hardware interface between a computer and the user as are scanner or game console

Input and Output devices 434.

What is a URL ?

A web page address (It specifies that web server that stores the page, the directory(folder) or subdirectories that contain the page and the name of the page

435. Bank account is printed in special ink with magnetic qualities called which can be read by the right machine. **Magnetic Ink**

436. Macintosh is entirely based on
Graphic Mode (Text mode (plain text) and the graphic Mode (Visual and interactive elements)

437. LCD Monitors (Liquid Crystal Display) are or
Active matrix or Passive Matrix

438. The device controller for the monitor is
Graphics adapter

439. Disk Storage is commonly used for
Secondary Storage (since it is nonvolatile storage, that is the contents are maintained even when power is turned off)

440. are used for producing very accurate plans and drawings that have been created using Computer Aided Design
Plotters

441. Ram can have instructions read from it by the CPU and also it can have numbers or other computer data written to it by the CPU. True/False
True

442. A private network of devices contained within a limited geographical area is
A LAN

443. A large powerful Computer that handles the processing for many users simultaneously (*up to seven hundred users*) is **A mainframe Computer**

444. A device that has a screen and keyboard for input and output, but does not own its own processing is?

Terminal

445. What type of computers are built with electronic parts such as ICs transistors, cables etc and require electricity for operation?

Electronic Computer

446. needs to be installed onto a computer before it can be used.

Software

447. Active Matrix LCD displays are more expensive than passive matrix displays TRUE/FALSE **True**

448. The phosphor coating on a monitor's CRT(Cathode-ray tube) must be repainted or refreshed times each second (Hz) to maintain clarity of the image

50 to over 100 times

449. The secondary storage is often formatted according to a file system format TRUE/FALSE

True (which provides the abstraction necessary to organize data into files and directories, providing also additional information(called meta data) describing the owner of certain files, the access time, the access permissions and other information

450. Impact printers have more mechanical parts and non-impact types employ more electronic finesse to create printed pages.

TRUE/FALSE

True

451. The steps in which a voice data is changed to Digital

Convert- Compare-Check-Present

452. is an example of Special Purpose terminal **Point-of-sale**

453. A hardware device that is connected to a computer's sound card, which outputs sound generated by the card is **A speaker**

454. URL usually begins with ... **http://**

455. Is the oldest technology among visual display units
CRT Technology (Cathode Ray Tube)

456. In an alternative arrangement, the processor effectively delegates some of its detailed input /output controlling powers to

.....

Subsidiary Peripheral Processors also called Input/Output channels

457. Pixels are measured in

DPI(Dots per Inch) or PPI(Pixel Per Inch)

458. A characteristic of a Computer is that it is Automatic true/false? **True**

459. The more RAM in your computer, the lesser the programs you can run. TRUE/FALSE

False. The more RAM, the higher the program you can run

460. Monochrome Monitors display both text and Graphic Modes. TRUE/FALSE

True

461. Ink jet printer can be used for variety of color printing at relatively low cost compare to laser printer. TRUE/FALSE

True

462. Constructing computer using combinations of similar standard components which allows for easy replacement of faulty components is called

Modular Structural Design

463. One method of interconnecting standard component is

Computer Buses

464. Routers prefer to be bridge when there are large number of LANs to be connected and high degree of resilience is required. TRUE/FALSE

True

465. Provides connections between standard LANs and external computing environments such as IBMs system

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network architecture such as mainframe

Gateway

466. performs the function of both bridges and routers as well as enable remote connection by a PC to mainframe link card in your PC **Gateway**
467. allows television quality video picture to be transmitted? **Video tax**
468. The power loss as a result of splitting amounts to $1/N$ of the total signal power level at the hub. The N equals to **The number of branches attached to the hub**
469. Each network node has a unique address which is used for transmission and reception. It continuously monitors the medium through the process commonly referred to as **Listening**
470. A ring Structure can be considered multi access ring topology. TRUE/FALSE
True
471. A demerit of the BUS configurations is that Bus faults impacts all terminals. True/False? **True**
472. What are the merits of a BUS Configuration
Access control distributed to each terminal, No central device dependency, Simplicity, Enables distributed and efficient bandwidth allocation and Easy to add extra terminals
473. A demerit of the ring configuration is that each terminal serially in ring so re-configuration topology needed.
TRUE/FALSE
True
474. What are the merits of Ring Configuration?
High Medium use easy to achieve, Minimal arbitration, No limitation ring lengths-regenerative, Connections point to point mix mediums, Good noise immunity, Ring

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reconfiguration easy, adding removing terminals, continuously available clock and failing terminals/links can be isolated

475. Is composed to control and data path

A processor

476. In the control of the data path is stored in the memory

Von Neumann architecture (it allowed control to be an automated processor

477. The hardware first started using for computations

Analogues (beginning with the mechanical data paths such as abacus and astrolabe)

478. *Antikythera mechanism and the Astrolabe from Ancient Greece (c. 150-100 BC)* are generally regarded as ...

The first Mechanical Analogue Computer

479. International network manufacturing companies can schedule production parts in multiple locations for assemble at a central location. TRUE/FALSE

True

480. The method of sending an exact copy of text or documents containing graphic material in black and white to

another fax user over the telephone network is **Facsimile**

Fax

481. The ways in which computers (nodes) are geometrically arranges and connected is known as ... **The topology of the network**

482. refers to mesh topology

Constrained Connections

483. refers to ring, star and bus/tree configurations

Unconstrained Connections

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484. The most common topologies are the ring, star and bus/tree Configurations. TRUE/FALSE **True**
485. What are the types of Voice Recognition systems
Speaker Dependent System, Speaker Independent System, Discrete Speech recognition, Continues Speech Recognition, Natural Language.
486. CRT Technology was first used in in the 1940s
Televisions
487. The device controller for the monitor is
A graphics Adapter
488. The aims of arrangements and terminology are **To maximize the use of processor by freeing it of the burden of controlling input/output requests AND To maximize the speed and efficiency of input/output data transfers to and from memory**
489. LED Monitors (Light-emitting diode) provides higher contrasts and better viewing angles than LCDs. TRUE/FALSE **True**
490. Active Matrix LCD Monitors are also known as **TFT (Thin film transistor) LCD Monitors**
491. Passive Matrix LCD Monitor has higher refresh rates and better contrast. TRUE/FALSE
False. Active Matrix LCD Monitor has higher refresh rates and better contrast.
492. Gas Plasma display is also known as
Gas Panel or plasma panel(another flat screen technology)
493. Architects and garment designers use for technical designs and computer-aided design purposes

Plotters(Since plotters have the ability to create large images on oversized sheets of paper)

494. The two broad Categories of single-board Computers are **Small general-purpose microcomputers and Sale specialpurpose computers (often used for applications involving the control of physical processes)**

495. The capacity of a memory chip is measure in **Byte(One megabyte is enough to hold one million characters)**

496. The Register Files can contain both and **General Purpose Registers (GPRs) and Floating-Point Registers (FPRs)**

497. A credit card number can read the number and transmit them to computer to verify that the card is good. TRUE/FALSE? **True**

498. A Disk is designed using **Magnetic Media**

499. CRT Technology was invented .. **The late 1800s**

500. The electronic link between the processor and the monitor is

A Graphics Adapter (All display signals enroute to the monitor pass through the graphics adapter, where the digital signals are converted to signals compatible with the monitor's display capabilities.)

501. is a human interface device which is represented as a layout/arrangement of not less than 105 button s on board.

Keyboard

502. HTTP stands for

Hypertext Transfer Protocol

503. The images produced on a computer screen is made up of .. **Pixels**

504. A combination of sound and images with text and graphics is

Multimedia

505. Voice Input system consists of microphone and software called.....

Voice synthesizer

506. A disadvantage of Ink-Jet printer is that they are slower and print somewhat lower resolution(300-720 dpi) TRUE/FALSE
True

507. takes still photos but records the pictures on computer disks or memory chips.

A digital Camera

508. Flat screen display units have no internal tubes and emit zero X-rays or radiation. TRUE/FALSE **True**

509. The size of the monitor is the size of the entire monito not the size of the screen. TRUE/FALSE?

False. The size of the monitor is the size of the screen, not the size of the entire monitor

510. Plotters print on roll-feed paper upto 4 feet wide and 50 feet in length TRUE/FALSE **True**

511. The first standalone LCD displays appeared ... **In the mid 1990s**

512. A communication network all of whose component area spread throughout a metropolis or a city is **Metropolitan area network (MAN)**

513. Can record both still and moving pictures and sound that can be uploaded to the computer with the right hardware.

A video Camera or Recorder (VCR)

514. A collection of computers connected across the branches of an establishment within a city say Enugu uses

Metropolitan Area Network

515. Most computers use the concept of memory **Virtual memory (allowing utilization of more primary storage capacity than is physically available in the system**

516. Nothing permanent is kept in the main memory.
TRUE/FALSE

True

517. software takes a scanned image and converts the characters in the image into computer characters. **Optical Character Recognition**

518. Monitors with faster refresh rates have fewer flickers and are easier on the eyes. TRUE/FALSE **True**

519. A display peripheral that displays more than two colors is **Color Monitors**

520. The full high-definition (HD) Television is recorded at **1,920 pixels in horizontal dimension.**

521. The degree of sharpness of a displayed character or image is?

Screen resolution

522. Full high definition (HD) television is recorded at Pixels in horizontal dimension

1,920 pixels

523. Any monitor incapable of producing 1,920 horizontal pixels is incapable of displaying the full picture without resizing. TRUE/FALSE?

True

524. A set of rules that govern how information is transferred on a network is **Protocol**

525. uses a direct connection from each terminal to a central active element or hub, which interconnects individual terminals

A Star Configuration (the hub can be active or passive)

526. A plasma panel contains a grid of electrodes in a flat, gas filled panel. TRUE/FALSE **True**

527. Printer is better suited for quiet office environment **Non-impact**

528. Printer has mechanisms resembling those of a typewriter

An Impact Printer

529. An average plotter is how many inches wide **42**

530. network uses both internal wiring schemes as baed switched lines supplied by common carriers **MAN (Metropolitan Area Network)**

531. A disadvantage of ink-jet printer is that the pages take a long time to dry up before they can be actually handled.

TRUE/FALSE

True

532. Of the various types of auxiliary storage, the type most commonly used ..

Involve some type of magnetic disk

533. 4 characteristics of RAM

Closely connected to the processor, Contents are quickly and easily changed, It holds the programs and data that the processor is actively working with, It interacts with the processor millions of times per second

534. A disk typically contain

Several rotating disks or platters (covered in metal oxide and read/written by electromagnetic recording heads.

535. In a magnetic disk storage, the rotate around a pivot **Disk arm**

536. The surface of a platter is organized as a number of concentric circles called

Tracks (Each track is divided into sectors)

537. Some financial web users secure their information by encryption before transmissions by using ..

Secure HTTP/ Secure Sockets Layer(usually begins with https://

538. Computers connected within a department of say a university like computer science department uses **Local Area Network**

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539. The web servers name usually begins with ... **www (including the name of the company, organization or person)**

540. Digital Computing elements have ranged from mechanical gears to electromechanical relays to vacuum tube to transistors and to integrated circuits, all of which are currently implementing the

Von Neumann architecture

541. Human computers were typically engaged in the calculations of a mathematical expression like

Astronomical ephemerides, for artillery firing tables or for nautical navigations(it was specialized and expensive

542. The earliest counting device was

A form of tally stick

543. The abacus was used for

Arithmetic tasks

544. The Roman abacus was used in *Babylonia* as early as **2400**

545. It is easy to copy an optical disk just like a floppy disk. TRUE/FALSE
False(it is not as easy to copy an optical disk as it is a floppy disk) 546.

Information is written to a platter as it rotates past devices called ...

Read and Write head that operate very close over the magnetic surface

547. is used to detect and modify the magnetization of the material immediately under it **The read and write head**

548. refers to the degree of effect, not the physical size, of the head- the heads themselves are extremely tiny and are too small to be seen without a microscope

GMR(giant magneto resistance)

549. The write head magnetized a region by

Generating a strong local magnetic field

550. The read element is typically magneto-resistive while the write element is typically **Thin-film inductive**

551. What is Perpendicular recording.... ?

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It is a technology used to overcome thermal effects to allow greater recording densities

552. Perpendicular recording was first shipped in **2005**

553. Modern drives make extensive use of Error Correcting Codes(ECCS). Particularly

Reed-Solomon error correction

554. All magnetic disks are divided into areas called **Tracks, sectors or cylinders (the formatting process sets up a method of assigning addresses to the different areas)**

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