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# Computer Fundamental

## For Bank and BCS

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রাজশাহী বিশ্ববিদ্যালয়

**1. UNIVAC is**

- A) **Universal Automatic Computer**
- B) Universal Array Computer
- C) Unique Automatic Computer
- D) Unvalued Automatic Computer

**2. The basic operations performed by a computer are**

- A) Arithmetic operation
- B) Logical operation
- C) Storage and relative
- D) **All the above**

**3. The two major types of computer chips are**

- A) External memory chip
- B) Primary memory chip
- C) Microprocessor chip
- D) **Both b and c**

**4. Microprocessors as switching devices are for which generation computers**

- A) First Generation
- B) Second Generation
- C) Third Generation
- D) **Fourth Generation**

**5. What is the main difference between a mainframe and a super computer?**

- A) Super computer is much larger than mainframe computers
- B) Super computers are much smaller than mainframe computers
- C) **Supercomputers are focused to execute few programs as fast as possible while mainframe uses its power to execute as many programs concurrently**
- D) Supercomputers are focused to execute as many programs as possible while mainframe uses its power to execute few programs as fast as possible.

**6. ASCII and EBCDIC are the popular character coding systems. What does EBCDIC stand for?**

- A) **Extended Binary Coded Decimal Interchange Code**
- B) Extended Bit Code Decimal Interchange Code
- C) Extended Bit Case Decimal Interchange Code
- D) Extended Binary Case Decimal Interchange Code

**7. The brain of any computer system is**

- A) ALU
- B) Memory

**C) CPU**

D) Control unit

**8. Storage capacity of magnetic disk depends on**

- A) tracks per inch of surface
- B) bits per inch of tracks
- C) disk pack in disk surface
- D) **All of above**

**9. The two kinds of main memory are:**

- A) Primary and secondary
- B) Random and sequential
- C) **ROM and RAM**
- D) All of above

**10. A storage area used to store data to a compensate for the difference in speed at which the different units can handle data is**

- A) Memory
- B) **Buffer**
- C) Accumulator
- D) Address

**11. Computer is free from tiresome and boardroom. We call it**

- A) Accuracy
- B) Reliability
- C) **Diligence**
- D) Versatility

**12. Integrated Circuits (Ics) are related to which generation of computers?**

- A) First generation
- B) Second generation
- C) **Third generation**
- D) Fourth generation

**13. CD-ROM is a**

- A) Semiconductor memory
- B) Memory register
- C) Magnetic memory
- D) **None of above**

**14. A hybrid computer**

- A) Resembles digital computer
- B) Resembles analogue computer
- C) **Resembles both a digital and analogue computer**
- D) None of the above

**15. Which type of computers uses the 8-bit code called EBCDIC?**

- A) Minicomputers
- B) Microcomputers
- C) Mainframe computers**
- D) Super computer

**16. The ALU of a computer responds to the commands coming from**

- A) Primary memory
- B) Control section**
- C) External memory
- D) Cache memory

**17. Chief component of first generation computer was**

- A) Transistors
- B) Vacuum Tubes and Valves**
- C) Integrated Circuits
- D) None of above

**18. To produce high quality graphics (hardcopy) in color, you would want to use a/n**

- A) RGB monitor
- B) Plotter**
- C) Ink-jet printer
- D) Laser printer

**19. What are the stages in the compilation process?**

- A) Feasibility study, system design and testing
- B) Implementation and documentation
- C) Lexical Analysis, syntax analysis, and code generation**
- D) None of the above

**20. Which of the following IC was used in third generation of computers?**

- A) SSI
- B) MSI
- C) LSI
- D) Both a and b**

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**21. The main electronic component used in first generation computers was**

- A) Transistors
- B) Vacuum Tubes and Valves**

- C) Integrated Circuits
- D) None of above

**22. A dumb terminal has**

- A) an embedded microprocessor
- B) extensive memory
- C) independent processing capability
- D) a keyboard and screen**

**23. One millisecond is**

- A) 1 second
- B)  $10^{\text{th}}$  of a seconds
- C)  $1000^{\text{th}}$  of a seconds**
- D)  $10000^{\text{th}}$  of a seconds

**24. The output quality of a printer is measured by**

- A) Dot per sq. inch**
- B) Dot per inch
- C) Dots printed per unit time
- D) All of the above

**25. Which of the following was a special purpose computer?**

- A) ABC**
- B) ENIAC
- C) EDVAC
- D) All of the above

**26. What was the computer invented by Attanasoff and Clifford?**

- A) Mark I
- B) ABC**
- C) Z3
- D) None of above

**27. Which of the following storage devices can store maximum amount of data?**

- A) Floppy Disk
- B) Hard Disk**
- C) Compact Disk
- D) Magneto Optic Disk

**28. Which computer was considered the first electronic computer until 1973 when court invalidated the patent?**

- A) ENIAC**
- B) MARK I
- C) Z3
- D) ABC

**29. A physical connection between the microprocessor memory and other parts of the microcomputer is known as**

- A) Path
- B) Address bus**
- C) Route
- D) All of the above

**30. High density double sided floppy disks could store \_\_\_\_\_ of data**

- A) 1.40 MB
- B) 1.44 GB
- C) 1.40 GB
- D) 1.44 MB**

**31. A high quality CAD system uses the following for printing drawing and graphs**

- A) Dot matrix printer
- B) Digital plotter**
- C) Line printer
- D) All of the above

**32. Which of the following is not an input device?**

- A) OCR
- B) Optical scanners
- C) Voice recognition device
- D) COM (Computer Output to Microfilm)**

**33. The accuracy of the floating-point numbers representable in two 16-bit words of a computer is approximately**

- A) 16 digits
- B) 6 digits**
- C) 9 digits
- D) All of above

**34. In most of the IBM PCs, the CPU, the device drivers, memory, expansion slots and active components are mounted on a single board. What is the name of the board?**

- A) Motherboard**
- B) Daughterboard
- C) Breadboard
- D) Fatherboard

**35. In most IBM PCs, the CPU, the device drives, memory expansion slots and active components are mounted on a single board. What is the name of this board?**

- A) Motherboard**
- B) Breadboard

- C) Daughter board
- D) Grandmother board

**36. Magnetic disks are the most popular medium for**

- A) Direct access
- B) Sequential access
- C) Both of above
- D) None of above**

**37. A technique used by codes to convert an analog signal into a digital bit stream is known as**

- A) Pulse code modulation**
- B) Pulse stretcher
- C) Query processing
- D) Queue management

**38. Regarding a VDU, Which statement is more correct?**

- A) It is an output device
- B) It is an input device
- C) It is a peripheral device**
- D) It is hardware item

**39. A modern electronic computer is a machine that is meant for**

- A) Doing quick mathematical calculations
- B) Input, storage, manipulation and outputting of data**
- C) Electronic data processing
- D) Performing repetitive tasks accurately

**40. When was vacuum tube invented?**

- A) 1900
- B) 1906**
- C) 1910
- D) 1880

**41. Which of the following produces the best quality graphics reproduction?**

- A) Laser printer
- B) Ink jet printer
- C) Plotter**
- D) Dot matrix printer

**42. Computers with 80286 microprocessor is**

- A) XT computer
- B) AT computers**
- C) PS/2 computer
- D) None of above

**43. An application suitable for sequential processing is**

- A) Processing of grades
- B) Payroll processing
- C) Both a and b**
- D) All of above

**44. Which of the following is not processing?**

- A) arranging
- B) manipulating
- C) calculating
- D) gathering**

**45. The digital computer was developed primarily in**

- A) USSR
- B) Japan
- C) USA**
- D) UK

**46. Software in computer**

- A) Enhances the capabilities of the hardware machine**
- B) Increase the speed of central processing unit
- C) Both of above
- D) None of above

**47. Today's computer giant IBM was earlier known by different name which was changes in 1924. What was that name?**

- A) Tabulator Machine Co.
- B) Computing Tabulating Recording Co.**
- C) The Tabulator Ltd.
- D) International Computer Ltd.

**48. Before a disk drive can access any sector record, a computer program has to provide the record's disk address. What information does this address specify?**

- A) Track number
- B) Sector number
- C) Surface number
- D) All of above**

**49. The arranging of data in a logical sequence is called**

- A) Sorting**
- B) Classifying
- C) Reproducing
- D) Summarizing

**50. What is the responsibility of the logical unit in the CPU of a computer?**

- A) To produce result
- B) To compare numbers**
- C) To control flow of information
- D) To do math's works

**51. Abacus was the first**

- A) electronic computer
- B) mechanical computer
- C) electronic calculator
- D) mechanical calculator**

**52. If in a computer, 16 bits are used to specify address in a RAM, the number of addresses will be**

- A) 216
- B) 65,536**
- C) 64K
- D) Any of the above

**53. Instructions and memory address are represented by**

- A) Character code
- B) Binary codes**
- C) Binary word
- D) Parity bit

**54. The terminal device that functions as a cash register, computer terminal, and OCR reader is the:**

- A) Data collection terminal
- B) OCR register terminal
- C) Video Display terminal
- D) POS terminal**

**55. A set of flip flops integrated together is called**

- A) Counter
- B) Adder
- C) Register**
- D) None of the above

**56. People often call \_\_\_\_\_ as the brain of computer system**

- A) Control Unit
- B) Arithmetic Logic Unit
- C) Central Processing Unit**
- D) Storage Unit

**57. Which is used for manufacturing chips?**

- A) Bus

- B) Control unit
- C) Semiconductors**
- D) A and b only

**58. The value of each bead in heaven is**

- A) 1
- B) 3
- C) 5**
- D) 7

**59. The first computer introduced in Nepal was**

- A) IBM 1400
- B) IBM 1401**
- C) IBM 1402
- D) IBM1402

**60. Mnemonic a memory trick is used in which of the following language?**

- A) Machine language
- B) Assembly language**
- C) High level language
- D) None of above

**61. Instruction in computer languages consists of**

- A) OPCODE
- B) OPERAND
- C) Both of above**
- D) None of above

**62. Which generation of computer is still under development**

- A) Fourth Generation
- B) Fifth Generation**
- C) Sixth Generation
- D) Seventh Generation

**63. A register organized to allow to move left or right operations is called a \_\_\_\_**

- A) Counter
- B) Loader
- C) Adder
- D) Shift register**

**64. Which was the most popular first generation computer?**

- A) IBM 1650**
- B) IBM 360
- C) IBM 1130
- D) IBM 2700

**65. Which is considered a direct entry input device?**

- A) Optical scanner
- B) Mouse and digitizer
- C) Light pen
- D) All of the above**

**66. A set of information that defines the status of resources allocated to a process is**

- A) Process control
- B) ALU
- C) Register Unit
- D) Process description**

**67. Each set of Napier's bones consisted of \_\_\_\_\_ rods.**

- A) 5
- B) 9
- C) 11**
- D) 13

**68. BCD is**

- A) Binary Coded Decimal**
- B) Bit Coded Decimal
- C) Binary Coded Digit
- D) Bit Coded Digit

**69. When was the world's first laptop computer introduced in the market and by whom?**

- A) Hewlett-Packard, 1980
- B) Epson, 1981**
- C) Laplink Traveling Software Inc, 1982
- D) Tandy Model-200, 1985

**70. From which generation operating systems were developed?**

- A) First
- B) Second
- C) Third**
- D) Fourth

**71. The first firm to mass-market a microcomputer as a personal computer was**

- A) IBM
- B) Super UNIVAC
- C) Radio Shaks**
- D) Data General Corporation

**72. How many address lines are needed to address each machine location in a 2048 x 4 memory chip?**

- A) 10
- B) 11**

- C) 8
- D) 12

**73. Properly arranged data is called**

- A) Field
- B) Words
- C) Information**
- D) File

**74. A computer consists of**

- A) A central processing unit
- B) A memory
- C) Input and output unit
- D) All of the above**

**75. Why are vacuum tubes also called valves?**

- A) Because they can amplify the weak signals and make them strong
- B) Because they can stop or allow the flow of current**
- C) Both of above
- D) None of above

**76. John Napier invented Logarithm in**

- A) 1614**
- B) 1617
- C) 1620
- D) None of above

**77. An integrated circuit is**

- A) A complicated circuit
- B) An integrating device
- C) Much costlier than a single transistor
- D) Fabricated on a tiny silicon chip**

**78. What type of control pins are needed in a microprocessor to regulate traffic on the bus, in order to prevent two devices from trying to use it at the same time?**

- A) Bus control
- B) Interrupts
- C) Bus arbitration**
- D) Status

**79. Where as a computer mouse moves over the table surface, the trackball is**

- A) Stationary**
- B) Difficult to move
- C) Dragged
- D) Moved in small steps

**80. Which of the following is used as a primary storage device?**

- A) Magnetic drum**
- B) Hard Disks
- C) Floppy
- D) All of above

**81. Multi user systems provided cost savings for small business because they use a single processing unit to link several**

- A) Personal computers
- B) Workstations
- C) Dumb terminals**
- D) Mainframes

**82. What are the three decisions making operations performed by the ALU of a computer?**

- A) Greater than
- B) Less than
- C) Equal to
- D) All of the above**

**83. The word processing task associated with changing the appearance of a document is**

- A) Editing
- B) Writing
- C) Formatting**
- D) All of above

**84. Nepal brought a computer for census of 2028 BS. This computer was of**

- A) first generation
- B) second generation**
- C) third generation
- D) fourth generation

**85. Algorithm and Flow chart help us to**

- A) Know the memory capacity
- B) Identify the base of a number system
- C) Direct the output to a printer
- D) Specify the problem completely and clearly**

**86. Which statement is valid about computer program?**

- A) It is understood by a computer
- B) It is understood by programmer
- C) It is understood user
- D) Both a & b**

**87. The difference between memory and storage is that memory is \_\_\_\_\_ and storage is \_\_\_\_**



- A) Temporary, permanent
- B) Permanent, temporary
- C) Slow, fast
- D) All of above

**88. When was Pascaline invented?**

- A) 1617
- B) 1620
- C) 1642**
- D) 1837

**89. Which of the following statement is valid?**

- A) Lady Augusta is the first programmer
- B) Ada is the daughter of Lord Byron, a famous English poet
- C) ADA is a programming language developed by US Defense
- D) All of above**

**90. A compiler is a translating program which**

- A) Translates instruction of a high level language into machine language
- B) Translates entire source program into machine language program
- C) It is not involved in program's execution
- D) All of above**

**91. What is required when more than one person uses a central computer at the same time?**

- A) Light pen
- B) Mouse
- C) Digitizer
- D) Terminal**

**92. Which of the following is the first computer to use Stored Program Concept?**

- A) UNIVAC
- B) ENIAC
- C) EDSAC**
- D) None of above

**93. The term gigabyte refers to**

- A) 1024 bytes
- B) 1024 kilobytes
- C) 1024 megabytes**
- D) 1024 gigabyte

**94. in which year was UK's premier computing event called ?The which computer? started?**

- A) 1980**
- B) 1985

- C) 1986
- D) 1987

**95. Once you load the suitable program and provide required data, computer does not need human intervention. This feature is known as**

- A) Accuracy
- B) Reliability
- C) Versatility
- D) Automatic**

**96. What is a brand?**

- A) The name of companies that made computers
- B) The name of product a company gives to identify its product in market**
- C) A name of class to indicate all similar products from different companies
- D) All of above

**97. Machine language is**

- A) Machine dependent
- B) Difficult to program
- C) Error prone
- D) All of above**

**98. A byte consists of**

- A) One bit
- B) Four bits
- C) Eight bits**
- D) Sixteen bits

**99. Modern Computers are very reliable but they are not**

- A) Fast
- B) Powerful
- C) Infallible**
- D) Cheap

**100. What is the date when Babbage conceived Analytical engine**

- A) 1642
- B) 1837**
- C) 1880
- D) 1850

**101. What was the expected feature of fifth generation computers when Japan started FGCS?**

- A) Operating Systems
- B) Paralled Processing**
- C) ULSI
- D) None of above



**102. Which of the following memory medium is not used as main memory system?**

- A) Magnetic core
- B) Semiconductor
- C) Magnetic tape**
- D) Both semiconductor and magnetic tape

**103. The storage subsystem in a microcomputer consists mainly of \_\_ or \_\_ media with varying capacities**

- A) Memory or video
- B) Magnetic or optical**
- C) Optical or memory
- D) Video or magnetic

**104. Programs designed to perform specific tasks is known as**

- A) system software
- B) application software**
- C) utility programs
- D) operating system

**105. Computer operators**

- A) writes computer programs for specific problems
- B) operate the device which input and output data from the computer**
- C) normally require a college degree in computer science
- D) all of the above

**106. Which of the following is not anti-viruses software?**

- A) NAV
- B) F-Prot
- C) Oracle**
- D) McAfee

**107. What is a compiler?**

- A) A compiler does a conversion line by line as the program is run
- B) A compiler converts the whole of a higher level program code into machine code in one step**
- C) A compiler is a general purpose language providing very efficient execution
- D) None of the above

**108. \_\_\_\_\_ computers are also called personal computers**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers**
- D) Super Computers

**109. Which of the following is not input unit device?**

- A) scanner
- B) camera
- C) plotter**
- D) digitizer

**110. Identify the correct statement**

- A) IBM PCs used RISC CPU designs
- B) Macintosh used CISC CPU design
- C) IBM used CISC CPU design**
- D) None of above is true

**111. Which of the following statement is false?**

- A) Mechanical analog computers have existed for thousands of years
- B) There are mechanical analog computers and electronic analog computers.
- C) All electronic computers are digital computers**
- D) All of above are false

**112. Which of the following require large computers memory?**

- A) Imaging
- B) Graphics
- C) Voice
- D) All of Above**

**113. Which of the following is machine independence program?**

- A) High level language**
- B) Low level language
- C) Assembly language
- D) Machine language

**114. When was the first electro-mechanical computer developed?**

- A) 1880
- B) 1990
- C) 1944**
- D) None of above

**115. The first machine to successfully perform a long series of arithmetic and logical operations was:**

- A) ENIAC
- B) Mark-I**
- C) Analytic Engine
- D) UNIVAC-1

**116. Which one is the largest space?**

- A) kilobyte
- B) petabyte**
- C) terrabyte
- D) gigabyte

**117. FORTRAN programming language is more suitable for \_\_\_\_\_**

- A) Business Applications
- B) Marketing Applications
- C) Scientific Applications**
- D) None of the above

**118. The brain of any computer system is**

- A) Control Unit
- B) Arithmetic Logic Unit
- C) Central Processing Unit**
- D) Storage Unit

**119. Analog computer works on the supply of**

- A) Continuous electrical pulses**
- B) Electrical pulses but not continuous
- C) Magnetic strength
- D) None of the above

**120. An error in software or hardware is called a bug. What is the alternative computer jargon for it?**

- A) Leech
- B) Squid
- C) Slug
- D) Glitch**

**121. The advantage of COM are its \_\_\_\_ and \_\_\_\_**

- A) Compact size; speed readability**
- B) Compact size, speed
- C) Readability; speed
- D) Low cost; readability

**122. The BIOS is the abbreviation of \_\_\_\_\_.**

- A) Basic Input Output System**
- B) Best Input Output System
- C) Basic Input Output Symbol
- D) Base Input Output System

**123. Which printer is very commonly used for desktop publishing?**

- A) Laser printer**
- B) Inkjet printer
- C) Daisywheel printer
- D) Dot matrix printer

**124. IBM 1401 is**

- A) First Generation Computer
- B) Second Generation Computer**
- C) Third Generation Computer
- D) Fourth Generation Computer

**125. Most of the first generation computers were**

- A) Special purpose computers**
- B) General purpose computers
- C) Both of above
- D) None of above

**126. Floppy disks typically in diameter**

- A) 3
- B) 5.25
- C) 8
- D) All of above**

**127. The output quality of a printer is measured by**

- A) Dot per inch
- B) Dot per sq. inch**
- C) Dots printed per unit time
- D) All of above

**128. On a PC, how much memory is available to application software?**

- A) 1024 KB
- B) 760 KB
- C) 640 KB**
- D) 560 KB

**129. In a computer \_\_\_\_\_ is capable to store single binary bit.**

- A) Capacitor
- B) Flip flop**
- C) Register
- D) Inductor

**130. What does DMA stand for?**

- A) Distinct Memory Access
- B) Direct Memory Access**
- C) Direct Module Access
- D) Direct Memory Allocation

**131. Who invented Integrated Circuits?**

- A) Jack Kilby
- B) Robert Noyce
- C) Both of above**
- D) None of above

**132. Operating system, editors, and debuggers comes under?**

- A) System Software
- B) Application Software
- C) Utilities
- D) None of the above

**133. One computer that is not considered a portable is**

- A) Minicomputer
- B) Laptop computer
- C) Notebook computer
- D) All of above

**134. Which of the following is not an electronic computer?**

- A) ENIAC
- B) ABC
- C) UNIVAC
- D) EDVAC

**135. What is the name of the display feature that highlights are of the screen which requires operator attention?**

- A) Pixel
- B) Reverse video
- C) Touch screen
- D) Cursor

**136. Which is the largest computer?**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers
- D) Super Computers

**137. Which of the following are the best units of data on an external storage device?**

- A) Bits
- B) Bytes
- C) Hertz
- D) Clock cycles

**138. The personal computer industry was started by**

- A) IBM
- B) Apple
- C) Compaq
- D) HCL

**139. What is meant by a dedicated computer?**

- A) Which is used by one person only
- B) Which is assigned one and only one task

- C) Which uses one kind of software
- D) Which is meant for application software

**140. Which programming languages are classified as low level languages?**

- A) Basic, COBOL, FORTRAN
- B) Prolog 2, Expert Systems
- C) Knowledge based Systems
- D) Assembly Languages

**141. What was the main disadvantage of vacuum tubes?**

- A) They were larger in size
- B) They consumed a lot of electricity
- C) They produced heat and often burned out
- D) The operation cost was high

**142. Registers, which are partially visible to users and used to hold conditional, are known as**

- A) PC
- B) Memory address registers
- C) General purpose register
- D) Flags

**143. Which is not a computer of first generation?**

- A) ENIAC
- B) UNIVAC
- C) IBM 360
- D) IBM 1401

**144. Registers which are partially visible to users and used to hold conditional codes (bits set by the CPU hardware as the result of operations), are known as**

- A) PC
- B) Flags
- C) Memory Address Registers
- D) General Purpose Registers

**145. Who invented vacuum tubes?**

- A) John Bardeen
- B) William Shockley
- C) Lee de Forest
- D) All of above

**146. An approach that permits the computer to work on several programs instead of one is**

- A) On-line thesaurus
- B) Multiprogramming
- C) Over lapped processing
- D) Outline processor

**147. Who suggested Stored Program Concept**

- A) John Mauchley
- B) J.P. Eckert
- C) John Neumann**
- D) Joseph Jacquard

**148. The central processing unit (CPU) consists of**

- A) Input, output and processing
- B) Control unit, primary storage, and secondary storage
- C) Control unit, arithmetic-logic unit and primary storage**
- D) Control unit, processing, and primary storage

**149. The notable features like keyboards, monitors, GUI were developed in**

- A) First generation
- B) Second generation
- C) Third generation**
- D) Fourth generation

**150. UNIVAC is**

- A) Universal Automatic Computer**
- B) Universal Array Computer
- C) Unique Automatic Computer
- D) Unvalued Automatic Computer

**151. Which is the highest form?**

- A) Data
- B) Information
- C) Knowledge**
- D) All of above

**152. Who is credited with the idea of using punch cards to control patterns in a waving machine?**

- A) Pascal
- B) Hollerith
- C) Babbage
- D) Jacquard**

**153. What is an interpreter?**

- A) An interpreter does the conversion line by line as the program is run
- B) An interpreter is the representation of the system being designed**
- C) An interpreter is a general purpose language providing very efficient execution
- D) None of the above

**154. Which is a semi conductor memory?**

- A) Dynamic
- B) Static
- C) Bubble
- D) Both a & b**

**155. RJ45 UTP cable has \_\_\_\_\_ Cables.**

- A) 2 pair
- B) 3 pair
- C) 4 pair**
- D) 5 pair

**156. Which of the following is not a valid size of a Floppy Disk?**

- A) 8?
- B) 5 ¼?
- C) 3 ½?
- D) 5 ½?**

**157. The earliest calculating devices are**

- A) Abacus**
- B) Clock
- C) Difference Engine
- D) None of these

**158. Word length of a Personal Computer is \_\_\_\_**

- A) 4 bits
- B) 8 bits**
- C) 16 bits
- D) 64 bits

**159. What was the first computer to perform all calculation using electronics rather than wheels, ratchets, or mechanical switches?**

- A) Mark I
- B) ABC**
- C) Z3
- D) None of above

**160. A directly accessible appointment calendar is feature of a \_\_ resident package**

- A) CPU
- B) Memory**
- C) Buffer
- D) ALU

**161. Which unit converts computer data into human readable form?**

- A) Input unit
- B) Output unit**
- C) ALU
- D) Control Unit

**162. The full form of ALU is**

- A) Arithmetic Logic Unit
- B) Array Logic Unit
- C) Application Logic Unit
- D) None of above

**163. What produces useful information out of data?**

- A) Computer
- B) Processing
- C) Programming
- D) none of above

**164. Which of the following device was not invented by Babbage?**

- A) Pascaline
- B) Difference Engine
- C) Analytical Engine
- D) None of above

**165. A digital computer did not score over an analog computer in terms of**

- A) Speed
- B) Accuracy
- C) Reliability
- D) Cost

**166. Which number system is usually followed in a typical 32-bit computer?**

- A) Binary
- B) Decimal
- C) Hexadecimal
- D) Octal

**167. A computer has very low failure rate because it uses electronic components. It produces very consistent results. This is highlighted by which of the feature of computer?**

- A) Accuracy
- B) Reliability
- C) Versatility
- D) Automatic

**168. A paper printout of a document is known as**

- A) Softcopy output
- B) Hardcopy output
- C) Permanent Output
- D) All of above

**169. Which electronic component was made out of semiconductor material?**

- A) Vacuum tubes

- B) Transistors
- C) Ics
- D) All of above

**170. The act of retrieving existing data from memory is called**

- A) Read-out
- B) Read from
- C) Read
- D) All of above

**171. Which part of the computer is used for calculating and comparing?**

- A) Disk unit
- B) Control unit
- C) ALU
- D) Modem

**172. ABC is a**

- A) Special purpose computer
- B) General purpose computer
- C) All Purpose Computer
- D) None of above

**173. The computer code for the interchange of information between terminals is**

- A) ASCII
- B) BCD
- C) EBCDIC
- D) All of above

**174. When was the X window system born?**

- A) 1984
- B) 1989
- C) 1988
- D) 1990

**175. What is the first stage in software development?**

- A) Specification and design
- B) Testing
- C) System Analysis
- D) Maintenance

**176. Which of the following is valid statement?**

- A) Data in itself is useless unless it is processed
- B) The data that is processed is called a program
- C) The data which is not yet processed is information
- D) Information is processed by computer to generate data.

**177. The Second Generation Computer was based on \_\_\_\_\_.**

- A) Vacuum Tube
- B) Silicon Chips
- C) Transistor**
- D) Bio Chips

**178. EBCDIC stands for**

- A) Extended Binary Coded Decimal Interchange Code**
- B) Extended Bit Code Decimal Interchange Code
- C) Extended Bit Case Decimal Interchange Code
- D) Extended Binary Case Decimal Interchange Code

**179. Personnel who design, program, operates and maintains computer equipment refers to**

- A) Console-operator
- B) Programmer
- C) Peopleware**
- D) System Analyst

**180. IBM System/360 is**

- A) Mainframe Computer**
- B) Mini Computers
- C) Micro Computers
- D) None of above

**181. A system is**

- A) an integration of different units so as to achieve an objective**
- B) input unit
- C) input and output unit
- D) input, output and storage units

**182. Which of the following programming language started from second generation?**

- A) COBOL**
- B) BASIC
- C) C
- D) LISP

**183. The translator program used in assembly language is called**

- A) Compiler
- B) Interpreter
- C) Assembler**
- D) Translator

**184. EEPROM stands for**

- A) Electrically Erasable Programmable Read Only Memory**

B) Easily Erasable Programmable Read Only Memory

C) Electronic Erasable Programmable Read Only Memory

D) None of the above

**185. Regarding data, computers are very good at**

- A) store
- B) Processing
- C) retrieve
- D) All of above**

**186. Bit map terminal**

- A) support display containing multiple window
- B) require considerable amount of video RAM
- C) requires tremendous amount of copying and hence low performance
- D) all of above**

**187. First generation computers used \_\_\_\_\_ for memory**

- A) vacuum tubes
- B) silicon chips
- C) magnetic drum**
- D) RAM

**188. Which of the following memories allows simultaneous read and write operations?**

- A) ROM
- B) RAM**
- C) EPROM
- D) None of above

**189. EPROM can be used for**

- A) Erasing the contents of ROM
- B) Reconstructing the contents of ROM
- C) Erasing and reconstructing the contents of ROM**
- D) Duplicating ROM

**190. ENIAC uses**

- A) Decimal Numbering System**
- B) Octal Numbering System
- C) Binary Numbering System
- D) Hexadecimal Numbering System

**191. A term associated with the comparison of processing speeds of different computer system is:**

- A) EFTS
- B) MPG**



- C) MIPS
- D) CPS

**192. which of the following is problem oriented language?**

- A) High level language
- B) Machine language
- C) Assembly language
- D) Low level language

**193. A 32 bit microprocessor has the word length equal to**

- A) 2 byte
- B) 32 byte
- C) 4 byte
- D) 8 byte

**194. The term GIGO is related to**

- A) Accuracy
- B) Reliability
- C) Versatility
- D) Automatic

**195. Web cam is an**

- A) input unit device
- B) output unit device
- C) processing device
- D) Input and Output device

**196. Bit stands for**

- A) Binary digits
- B) bit of system
- C) a part of byte
- D) All of above

**197. Access time is**

- A) seek time + latency time
- B) seek time
- C) seek time ? latency time
- D) latency time

**198. Which device can understand difference between data & programs?**

- A) Input device
- B) Output device
- C) Memory
- D) Microprocessor

**199. Which of the following is a read only memory storage device?**

- A) Floppy Disk
- B) CD-ROM

- C) Hard Disk
- D) None of these

**200. Symbolic logic was discovered by**

- A) George Boole
- B) Herman Hollerith
- C) Van Neumann
- D) Basic Pasc

**201. Which of the following is not valid statement?**

- A) Hard is referred to mean something temporary
- B) Hard is used to mean something tangible
- C) Soft is used to mean something permanent
- D) Soft is used to mean something tangible

**202. Digital devices are**

- A) Digital Clock
- B) Automobile speed meter
- C) Clock with a dial and two hands
- D) All of them

**203. Primary memory stores**

- A) Data alone
- B) Programs alone
- C) Results alone
- D) All of these

**204. After copying the content how many times can you paste?**

- A) 1
- B) 16
- C) 32
- D) Many

**205. WAN stands for**

- A) Wap Area Network
- B) Wide Area Network
- C) Wide Array Net
- D) Wireless Area Network

**206. An error in computer data is called**

- A) Chip
- B) Bug
- C) CPU
- D) Storage device

**207. The instructions for starting the computer are house on**

- A) Random access memory
- B) CD-Rom



**C) Read only memory chip**

D) All of above

**208. 1 nibble equals to**

A) 1 bits

B) 2 bits

**C) 4 bits**

D) 8 bits

**209. Perforated paper used as input of output media is known as**

**A) paper tapes**

B) magnetic tape

C) punched papers tape

D) card punch

**210. The secondary storage devices can only store data but they cannot perform**

A) Arithmetic Operation

B) Logic operation

C) Fetch operations

**D) Either of the above**

**211. Which American computer company is called Big Blue?**

A) Microsoft

B) Compaq Corp

**C) IBM**

D) Tandy Svenson

**212. It was in 2028 BS the \_\_\_\_\_ was brought in to calculate census data.**

A) IBM 1400

**B) IBM 1401**

C) ICL 2950

D) None of above

**213. Who is the inventor of ABC Computer?**

A) John v. Atanasoff

B) Clifford Berry

**C) Both of above**

D) None of above

**214. Which of the following is the largest unit?**

A) data

B) field

C) record

**D) database file**

**215. Find out who is not the inventor of transistors among following names**

A) John Burdeen

B) William Shockley

C) Walter Brattain

**D) Lee de Forest**

**216. Which of the following is not true for a magnetic disk?**

A) It is expensive relative to magnetic tape

**B) It provides only sequential access to stored data**

C) Users can easily update records by writing over the old data

D) All of above

**217. A disadvantage of the laser printer is**

A) It is quieter than an impact printer

B) It is very slow

C) The output is of a lower quality

**D) None of the above**

**218. The most commonly used standard data code to represent alphabetical, numerical and punctuation characters used in electronic data processing system is called**

A) ASCII

B) EBCDIC

C) BCD

D) All of above

**219. Which access method is used to access cassette tape?**

A) Direct

**B) Sequential**

C) Both of the above

D) None of the above

**220. A Compiler is \_\_\_\_\_**

A) a combination of computer hardware

B) a program which translates from one high-level language to another

**C) a program which translates from one high-level to a machine level language**

D) None of these

**221. Which unit holds data temporarily?**

A) Input unit

B) Secondary storage unit

C) Output Unit

**D) Primary Memory Unit**

**222. The computer size was very large in**

A) First Generation

B) Second Generation

- C) Third Generation
- D) Fourth Generation

**223. A name or number used to identify storage location devices?**

- A) A byte
- B) A record
- C) An address**
- D) All of above

**224. Which of the following is not computer language?**

- A) High level language
- B) Medium level language**
- C) Low level language
- D) All of the above

**225. Reading data is performed in magnetic disk by**

- A) Read/write leads**
- B) Sectors
- C) Track
- D) Lower surface

**226. IBM 7000 digital computer**

- A) Belongs to second generation
- B) Uses VLSI
- C) Employs semiconductor memory
- D) Has modular constructions**

**227. Which of the following is not electro-mechanical computer?**

- A) Mark I
- B) ABC
- C) Zuse
- D) UNIVAC**

**228. The term 'computer' is derived from**

- A) Greek language
- B) Sanskrit language
- C) Latin language**
- D) German language

**229. Which statement is valid about magnetic tape?**

- A) It is a plastic ribbon
- B) It is coated on both sides with iron oxide
- C) It can be erased and reused
- D) All of above**

**230. Which of the following is first generation computer?**

- A) EDSAC**
- B) IBM 1401
- C) CDC 1604
- D) ICL 2950

**231. A hard copy would be prepared on a**

- A) Line printer
- B) Dot matrix Printer
- C) Typewriter terminal
- D) All of the above**

**232. The term GIGO is related to which characteristics of computers?**

- A) Speed
- B) Automatic
- C) Accuracy**
- D) Reliability

**233. Which of the following programming language were used in first generation computers?**

- A) Machine language**
- B) Assembly language
- C) Both of above
- D) None of above

**234. To locate a data item for storage is**

- A) Field
- B) Feed
- C) Database
- D) Fetch**

**235. Who used punched cards practically for the first time in the history of computers?**

- A) Charles Babbage
- B) Dr. Herman Hollerith**
- C) Howard Aikin
- D) Joseph Jacquard

**236. Hard disk is coated in both sides with**

- A) Magnetic metallic oxide**
- B) Optical metallic oxide
- C) Carbon layer
- D) All of the above

**237. Which of the following term means to reckon?**

- A) putare**
- B) com
- C) computa
- D) computar

**238. An input /output device at which data enters or leaves a computer system is**

- A) Keyboard
- B) Terminal**
- C) Printer
- D) Plotter

**239. Which of the following is first generation of computer**

- A) EDSAC**
- B) IBM-1401
- C) CDC-1604
- D) ICL-2900

**240. A name or number used to identify a storage location is called**

- A) A byte
- B) A record
- C) An address**
- D) All of above

**241. Computer professionals working in a computer centre are**

- A) Software
- B) Firmware
- C) Hardware
- D) Humanware**

**242. The first general purpose electronic computer in the world was**

- A) UNIVAC
- B) EDVAC
- C) ENIAC**
- D) All of above

**243. The contents of information are stored in**

- A) Memory data register**
- B) Memory address register
- C) Memory arithmetic registers
- D) Memory access register

**244. Which of the following is correct full form of BCD?**

- A) Binary Coded Decimal**
- B) Bit Coded Decimal
- C) Binary Coded Digit
- D) Bit Coded Digit

**245. Which was the world's first microcomputer that used Intel 80386 microprocessor chip?**

- A) IBM PS/2
- B) HP-9830**

**C) DeskPro-386**

D) IBM-360

**246. The qualitative or quantitative attribute of a variable or set of variables is termed as**

- A) data**
- B) information
- C) both of above
- D) none of above

**247. Main storage is also called**

- A) Accumulator
- B) Control Unit
- C) Register Unit
- D) Memory**

**248. Which of the following are (is) considered to be video component?**

- A) Resolution
- B) Color depth
- C) Refresh rate
- D) All of the above**

**249. For what Antikythera was used?**

- A) For counting
- B) For Calculating tax collection
- C) For calculating astronomical positions**
- D) For calculating firing weapons

**250. Memory unit is one part of**

- A) Input device
- B) Control unit
- C) Output device
- D) Central Processing Unit**

**251. Microprocessors can be used to make**

- A) Computer
- B) Digital systems
- C) Calculators
- D) All of the above**

**252. Which statement is valid about computer program?**

- A) High level languages must be converted into machine language to execute**
- B) High level language programs are more efficient and faster to execute
- C) It is more difficult to identify errors in high level language program than in low level programs
- D) All of above

**253. By programmable machine we mean**

- A) computers
- B) modern television
- C) washing machines
- D) anything that can be set to perform different tasks with suitable programs**

**254. Which of the following is a secondary memory device?**

- A) Keyboard
- B) Disk**
- C) ALU
- D) All of the above

**255. The memory which is programmed at the time it is manufactured**

- A) ROM
- B) RAM
- C) PROM**
- D) EPROM

**256. One of the popular mass storage device is CD ROM. What does CD ROM stand for?**

- A) Compactable Read Only Memory
- B) Compact Data Read Only Memory
- C) Compactable Disk Read Only Memory
- D) Compact Disk Read Only Memory**

**257. Identify the true statement**

- A) Computers are 100% accurate but it can suffer from GIGO
- B) Computers are reliable because they use electronic component which have very low failure rate
- C) Computer is never tired and does not suffer from boredom
- D) All of above**

**258. FORTRAN is**

- A) File Translation
- B) Format Translation
- C) Formula Translation**
- D) Floppy Translation

**259. The programs which are as permanent as hardware and stored in ROM is known as**

- A) Hardware
- B) Software
- C) Firmware**
- D) ROM ware

**260. Which of the following memories must be refreshed many times per second?**

- A) Static RAM
- B) Dynamic RAM**
- C) EPROM
- D) ROM

**261. What do you call the translator which takes assembly language program as input & produce machine language code as output?**

- A) Compiler
- B) Interpreter
- C) Debugger
- D) Assembler**

**262. Serial access memories are useful in applications where**

- A) Data consists of numbers
- B) Short access time is required
- C) Each stored word is processed differently
- D) Data naturally needs to flow in and out in serial form**

**263. In \_\_\_\_\_ mode, the communication channel is used in both directions at the same time?**

- A) Full-duplex**
- B) Simplex
- C) Half-duplex
- D) None of the above

**264. Who invented Slide Rules?**

- A) John Napier
- B) William Oughtred**
- C) Gottfried Leibnitz
- D) Blaise Pascal

**265. The proper definition of a modern digital computer is**

- A) An electronic automated machine that can solve problems involving words and numbers**
- B) A more sophistic and modified electronic pocket calculator
- C) Any machine that can perform mathematical operations
- D) A machine that works on binary code

These questions are suitable for IC3 Computer Fundamentals too!

**266. Memory is made up of**

- A) Set of wires

- B) Set of circuits
- C) Large number of cells**
- D) All of these

**267. Which of the following is the most powerful computers?**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers
- D) Super Computers**

**268. Which of the printers used in conjunction with computers uses dry ink powder?**

- A) Daisy wheel printer
- B) Line printer
- C) Laser printer**
- D) Thermal printer

**269. What is the path from which data flow in a computer system is known as**

- A) Car
- B) Bus**
- C) Truck
- D) Road

**270. Which term is used to describe RAM?**

- A) Dynamic RAM (DRAM)
- B) Static RAM (SRAM)
- C) Video RAM (VRAM)
- D) All of the above**

**271. In which year was chip used inside the computer for the first time?**

- A) 1964
- B) 1975**
- C) 1999
- D) 1944

**272. Assembly language started to be used from**

- A) first generation computers
- B) second generation computers**
- C) third generation computers
- D) fourth generation computers

**273. Which technology is more reliable?**

- A) Mechanical
- B) Electro-Mechanical
- C) Electronic**
- D) For reliability it does not matter. So all of above are reliable

**274. Which of the following is not an XT microprocessor?**

- A) 8006
- B) 8086
- C) 8088
- D) None of above**

**275. Hard disk is coated in both side with**

- A) Magnetic metallic oxide**
- B) Optical metallic oxide
- C) Carbon layer
- D) All of the above

**276. ASCII stands for**

- A) American Stable Code for International Interchange
- B) American Standard Case for Institutional Interchange
- C) American Standard Code for Information Interchange**
- D) American Standard Code for Interchange Information

**277. Raw facts and figures about any particular topic are**

- A) Information
- B) facts
- C) data**
- D) none of above

**278. A computer can solve more than one kind of problem. This is related to which of the following characteristics?**

- A) Accuracy
- B) Reliability
- C) Versatility**
- D) Automatic

**279. From which generation computers the printers were used?**

- A) first
- B) second**
- C) third
- D) fourth

**280. How many symbols exist in Baudot code?**

- A) 32**
- B) 116
- C) 58
- D) 76

**281. Following IC chip integrates 100 thousands electronic components per chip**

- A) SSI
- B) MSI
- C) LSI
- D) VLSI

**282. An application program that helps the user to change any number and immediately see the result of that change is**

- A) Desktop publishing program
- B) Database
- C) Spreadsheet
- D) All of above

**283. In 1830, Charles Babbage designed a machine called the Analytical Engine which he showed at the Paris Exhibition. In which year was it exhibition?**

- A) 1820
- B) 1860
- C) 1855
- D) 1870

**284. What is the name of the new color laptop computer which is powered by a 386 processor at 33 MHz and is built by Epson?**

- A) AX3/33
- B) NEC-20
- C) Magnum 2000
- D) HCL-3000

**285. In analog computer**

- A) Input is first converted to digital form
- B) Input is never converted to digital form
- C) Output is displayed in digital form
- D) All of the above

**286. Which of the following computer is not invented by J.P. Eckert and John Mauchly?**

- A) ENIAC
- B) EDVAC
- C) UNIVAC
- D) EDSAC

**287. When was the company named IBM?**

- A) 1914
- B) 1924
- C) 1975
- D) None of above

**288. Which of the following storage device can store the largest amount of data?**

- A) Hard Disks
- B) Flash Disks
- C) Blu-Ray Disks
- D) DVDs

**289. Who invented Mark I?**

- A) Howard Aikin
- B) J. P. Eckert
- C) John Mauchley
- D) John v. Atanasoff

**290. ALU is**

- A) Arithmetic Logic Unit
- B) Array Logic Unit
- C) Application Logic Unit
- D) None of above

**291. A computer program that converts an entire program into machine language at one time is called a/an**

- A) Interpreter
- B) CPU
- C) Compiler
- D) Simulator

**292. When did arch rivals IBM and Apple Computers Inc. decide to join hands?**

- A) 1978
- B) 1984
- C) 1990
- D) 1991

**293. The purpose of vacuum tube was to NOT ack like**

- A) an amplifier
- B) a switch
- C) a router
- D) None of above

**294. As compared to diskettes, the hard disks are**

- A) More expensive
- B) More portable
- C) Less rigid
- D) Slowly accessed

**295. Which of the following is the most quickly accessible storage?**

- A) RAM
- B) Registers



- C) Disks
- D) Pen Drive

**296. The octal equivalence of 111010 is**

- A) 81
- B) 72**
- C) 71
- D) None of above

**297. Excessive parallel processing is related to**

- A) First generation
- B) Fourth generation
- C) Fifth Generation**
- D) Third generation

**298. second generation computers were developed during**

- A) 1949 to 1955
- B) 1956 to 1965**
- C) 1965 to 1970
- D) 1970 to 1990

**299. What do you call a single point on a computer screen?**

- A) Cell
- B) Element
- C) Pixel**
- D) Bit

**300. Mostly which of the following device is used to carry user files?**

- A) Floppy Disk**
- B) Hard Disk
- C) RAM
- D) CDROM

**301. Which of the following computer implemented binary numbers, perform calculations using electronics and implemented separate computation and memory for the first time?**

- A) Mark I
- B) ABC**
- C) Z3
- D) None of above

**302. FORTRAN is a programming language. What does FORTRAN stand for?**

- A) File Translation
- B) Format Translation
- C) Formula Translation**
- D) Floppy Translation

**303. Which of the following memories needs refreshing?**

- A) SRAM
- B) DRAM**
- C) ROM
- D) All of above

**304. Can you tell what passes into and out from the computer via its ports?**

- A) Data**
- B) Bytes
- C) Graphics
- D) Pictures

**305. An output device that uses words or messages recorded on a magnetic medium to produce audio response is**

- A) Magnetic tape
- B) Voice response unit**
- C) Voice recognition unit
- D) Voice band

**306. Which of the items below are considered removable storage media?**

- A) Removable hard disk cartridges
- B) (Magneto-optical) disk
- C) Flexible disks cartridges
- D) All of the above**

**307. Which of the following is not purely output device?**

- A) Screen**
- B) Printer
- C) Speaker
- D) Plotter

**308. Who developed a mechanical device in the 17<sup>th</sup> century that could add, subtract, multiple, divide and find square roots?**

- A) Napier
- B) Babbage
- C) Pascal
- D) Leibniz**

**309. The first Macintosh computer was from**

- A) First generation
- B) Second generation
- C) Third generation
- D) Fourth generation**

**310. Which of the following is not a form of data?**



- A) numbers and characters
- B) images
- C) sound
- D) none of above**

**311. Which is not a computer classification?**

- A) mainframe
- B) maxframe**
- C) mini
- D) notebook

**312. The control unit of a microprocessor**

- A) Stores data in the memory
- B) Accepts input data from keyboard
- C) Performs arithmetic/logic function
- D) None of above**

**313. Which of the following is internal memory?**

- A) Disks
- B) Pen Drives
- C) RAM**
- D) CDs

**314. Which operation is not performed by computer**

- A) Inputting
- B) Processing
- C) Controlling
- D) Understanding**

**315. Floppy disks which are made from flexible plastic material are also called?**

- A) Hard disks
- B) High-density disks
- C) Diskettes**
- D) Templates

**316. The magnetic storage chip used to provide non-volatile direct access storage of data and that have no moving parts are known as**

- A) Magnetic core memory
- B) Magnetic tape memory
- C) Magnetic disk memory
- D) Magnetic bubble memory**

**317. A collection of related instructions organized for a common purpose is referred to as**

- A) File
- B) Database
- C) Program**
- D) None of above

**318. Plotter accuracy is measured in terms of repeatability and**

- A) Buffer size
- B) Resolution**
- C) Vertical dimensions
- D) Intelligence

**319. Computer instructions written with the use of English words instead of binary machine code is called**

- A) Mnemonics
- B) Symbolic code**
- C) Gray codes
- D) Opcode

**320. Which language is directly understood by the computer without translation program?**

- A) Machine language**
- B) Assembly language
- C) High level language
- D) None of above

**321. On which aspect the analog computers are better than digital?**

- A) Speed
- B) Accuracy**
- C) Reliability
- D) Automatic

**322. Which of the following processors use RISC technology?**

- A) 486dx
- B) Power PC**
- C) 486sx
- D) 6340

**323. Which of the following machine was not invented by Charles Babbage?**

- A) Tabulating Machine**
- B) Analytical Engine
- C) Difference Engine
- D) Both C and D

**324. How many numbers could ENIAC store in its internal memory**

- A) 100
- B) 20**
- C) 80
- D) 40

**325. The subject of cybernetics deals with the science of**

- A) Genetics
- B) Control and communication**
- C) Molecular biology
- D) Biochemistry

**326. Why ABC is considered electro-mechanical computer?**

- A) Because it was invented before electronic computers were developed
- B) Because there are wheels, drums, bars to rotate and move to produce result**
- C) Because they use the flow of electrons in different component
- D) None of above

**327. Binary circuit elements have**

- A) One stable state
- B) Two stable state**
- C) Three stable state
- D) None of above

**328. Which of the following is used for manufacturing chips?**

- A) Control bus
- B) Control unit
- C) Parity unit
- D) Semiconductor**

**329. Which of the following is not a micro computer?**

- A) Laptop PCs
- B) Tablet PCs
- C) Desktop PCs
- D) None of above**

**330. The value of each bead in earth is**

- A) 1**
- B) 3
- C) 5
- D) 7

**331. When did John Napier develop logarithm?**

- A) 1416
- B) 1614**
- C) 1641
- D) 1804

**332. Which of the following terms is the most closely related to main memory?**

- A) Non volatile
- B) Permanent**

- C) Control unit
- D) Temporary**

**333. Which was the world's first minicomputer and when was it introduced?**

- A) PDP-I, 1958**
- B) IBM System/36, 1960
- C) PDP-II, 1961
- D) VAX 11/780, 1962

**334. A group of magnetic tapes, videos or terminals usually under the control of one master is**

- A) Cylinder
- B) Surface
- C) Track
- D) Cluster**

**335. The word length of a computer is measured in**

- A) Bytes
- B) Millimeters
- C) Meters
- D) Bits**

**336. What type of memory is not directly addressable by the CPU and requires special software are called EMS (expanded memory specification)?**

- A) Extended
- B) Expanded**
- C) Base
- D) Conventional

**337. Which unit holds data permanently?**

- A) Input unit
- B) Secondary storage unit**
- C) Output Unit
- D) Primary Memory Unit

**338. Before a disk can be used to store data. It must be \_\_\_\_\_**

- A) Formatted**
- B) Reformatted
- C) Addressed
- D) None of the above

**339. Computer system comprises of major units**

- A) input unit, output unit, control unit
- B) input unit, output unit, control unit and storage
- C) input unit, output unit, central processing**

**unit and storage unit**

D) input, output and storage units

**340. The first general purpose electronic digital computer in the world was**

A) UNIVAC

B) EDVAC

C) ENIAC

D) All of above

**341. Signals can be analog or digital and a computer that processes the both type of signals is known as**

A) Analog computer

B) Digital Computer

C) Hybrid Computer

D) Mainframe Computer

**342. High level language is also called**

A) Problem oriented language

B) Business oriented language

C) Mathematically oriented language

D) All of the above

**343. Human beings are referred to as Homosapinens, which device is called Silico Sapiens?**

A) Monitor

B) Hardware

C) Robot

D) Computer

**344. Which of the following file organization is most efficient for a file with a high degree of file activity?**

A) Sequential

B) ISAM

C) VSAM

D) B-Tree Index

**345. Which of the following is associated with error detector?**

A) Odd parity bit

B) Even parity bit

C) Both of the above

D) None of above

**346. Magnetic tape can serve as**

A) Secondary storage media

B) Output media

C) Input media

D) All of the above

**347. Which company is the biggest player in the microprocessor industry?**

A) Motorola

B) IBM

C) Intel

D) AMD

**348. The first digital computer built with IC chips was known as**

A) IBM 7090

B) Apple ? 1

C) IBM System / 360

D) VAX-10

**349. EBCDIC can code up to how many different characters?**

A) 256

B) 16

C) 32

D) 64

**350. MICR stands for**

A) Magnetic Ink Character Reader

B) Magnetic Ink Code Reader

C) Magnetic Ink Cases Reader

D) None

**351. Number crunchier is the informal name for**

A) Mini computer

B) Super computer

C) Microcomputer

D) Mainframe computer

**352. RATS stand for**

A) Regression Analysis Time Series

B) Regression Analysis Time Sharing

C) Real Analysis Series

D) All of above

**353. Which technology is used in Compact disks?**

A) Mechanical

B) Electrical

C) Electro Magnetic

D) Laser

**354. Different components of the motherboard of a PC unit are linked together by sets of parallel electrical conducting lines. What are these lines called?**

A) Conductors

B) Buses

- C) Connectors
- D) Consecutive

**355. Which is the first electronic digital computer?**

- A) ENIAC
- B) MARK I
- C) Z3
- D) ABC**

**356. Which of the following is a storage device?**

- A) Tape
- B) Hard Disk
- C) Floppy Disk
- D) All of the above**

**357. The metal disks, which are permanently housed in, sealed and contamination free containers are called**

- A) Hard disks
- B) Floppy disk
- C) Winchester disk**
- D) Flexible disk

**358. A computer program that converts an entire program into machine language is called a/an**

- A) Interpreter
- B) Simulator
- C) Compiler**
- D) Commander

**359. Intel corporation produces chips for which computers?**

- A) IBM PCs**
- B) Apple/Macintosh PCs
- C) Both of above
- D) None of above

**360. The first microprocessor built by the Intel corporation was called**

- A) 8008
- B) 8080
- C) 4004**
- D) 8800

**361. Which of the following is not a class of computers based on size?**

- A) Mainframe Computers
- B) Mini Computers
- C) Micro Computers
- D) Super Computers**

**362. Who invented EDSAC?**

- A) John v. Neumann
- B) J.p. Eckert and John Mauchley
- C) Maurice Wilkes**
- D) Howard Aiken

**363. EEPROM stands for**

- A) Electrically Erasable Programmable Read Only Memory**
- B) Electronic Erasable Programmable Read Only Memory
- C) Easily Erasable Programmable Read Only Memory
- D) Easily Erasable Programmable Read Only Memory

**364. Which of the following is a class of computers based on model?**

- A) Digital Computer
- B) Hybrid Computers
- C) Analog Computers
- D) AT Computers**

**365. What are the computers called that performs calculations and comparisons usually in the binary numbering system?**

- A) Analog Computers
- B) Digital Computers**
- C) Hybrid Computers
- D) None of above

**366. ASCII stands for**

- A) American Standard Code for Information Interchange**
- B) American Scientific Code for International Interchange
- C) American Standard Code for Intelligence Interchange
- D) American Scientific Code for Information Interchange

**367. The data recording format in most of the modern magnetic tape is**

- A) 7-bit ASCII
- B) 7-bit EBCDIC
- C) 8-bit ASCII
- D) 8-bit EBCDIC**

**368. Why ABC computer is called so?**

- A) Because it was developed by Atanasoff and Berry**
- B) Because it was thought to be the first computer

so named with first alphabets of English  
 C) Both of above are the reason to name the computer ABC  
 D) None of above are true

**369. Who designed the first electronics computer ? ENIAC/**

- A) Von Neumann
- B) Joseph M Jacquard
- C) J. P. Eckert and J. W. Mauchly**
- D) All of above

**370. Central Processing Unit is combination of**

- A) Control and storage
- B) Control and output unit
- C) Arithmetic logic and input unit
- D) Arithmetic logic and control unit**

**371. IBM 1401 computer was**

- A) Mainframe Computer**
- B) Mini Computers
- C) Micro Computers
- D) None of above

**372. Time during which a job is processed by the computer is**

- A) Delay times
- B) Real time
- C) Execution time**
- D) Down time

**373. CD-ROM stands for**

- A) Compactable Read Only Memory
- B) Compact Data Read Only Memory
- C) Compactable Disk Read Only Memory
- D) Compact Disk Read Only Memory**

**374. Which unit converts user data into machine readable form?**

- A) Input unit**
- B) Output unit
- C) ALU
- D) Control Unit

**375. Which unit is known as nerve center of computer?**

- A) ALU
- B) CU**
- C) Memory
- D) Registers

**376. What does the disk drive of a computer do?**

- A) Rotate the disk
- B) Read the disk
- C) Load a program from the disk into the memory
- D) Both b and c**

**377. Access time is**

- A) seek time + latency time**
- B) seek time
- C) seek time
- D) latency time

**378. Who invented the microprocessor?**

- A) Marcian E Huff**
- B) Herman H Goldstein
- C) Joseph Jacquard
- D) All of above

**379. MICR stands for**

- A) Magnetic Ink Character Reader**
- B) Magnetic Ink Code Reader
- C) Magnetic Ink Case Reader
- D) None of the above

**380. The Width of a processor's data path is measured in bits. Which of the following are common data paths?**

- A) 8 bits**
- B) 12 bits
- C) 16 bits
- D) 32 bits

**381. MSI is the abbreviation of**

- A) Medium Scale Integrated**
- B) Medium System Integrated
- C) Medium Scale Intelligent
- D) Medium System Intelligent

**382. IMB launched its first personal computer called IBM-PC in 1981. It had chips from Intel, disk drives from Tandon, operating system from Microsoft, the printer from Epson and the application software from everywhere. Can you name the country which contributed**

- A) India
- B) China
- C) Germany
- D) Taiwan**

**383. Which statement is valid about interpreter?**

- A) It translates one instruction at a time**
- B) Object code is saved for future use

- C) Repeated interpretation is not necessary  
D) All of above

**384. Easily relocatable language is**

- A) Machine language  
**B) Assembly language**  
C) High level language  
D) Medium level language

**385. Which of the following memories needs refresh?**

- A) SRAM  
**B) DRAM**  
C) ROM  
D) All of above

**386. Through which device the main components of the computer communicate with each other?**

- A) Keyboard  
**B) System Bus**  
C) Monitor  
D) Memory

**387. What type of device is computer keyboard?**

- A) Memory  
B) Output  
C) Storage  
**D) Input**

**388. Which is the limitation of high level language?**

- A) Lower efficiency**  
B) Machine dependence  
C) machine level coding  
D) None of above

**389. An example of a digital device can be**

- A) Digital clock**  
B) Automobile speed meter  
C) Clock with a dial and two hands  
D) All of the above

**390. Which of the following is not true?**

- A) Transistors are much smaller  
B) Transistors produce low heat  
**C) Transistors were less reliable**  
D) Transistors were used in radios and other electronic devices

**391. A characteristic of card systems is:**

- A) Slowness in processing data  
**B) Using cards as records of transactions**

- C) Needing a larger DP staff

**D) All of the above**

**392. The full form of EEPROM is**

- A) Electrically Erasable Programmable Read Only Memory**  
B) Easily Erasable Programmable Read Only Memory  
C) Electronic Erasable Programmable Read Only Memory  
D) None of the above

**393. The original ASCII code used \_\_ bits of each byte, reserving that last bit for error checking**

- A) 5  
B) 6  
**C) 7**  
D) 8

**394. A computer programmer**

- A) Does all the thinking for a computer**  
B) Can enter input data quickly  
C) Can operate all types of computer equipments  
D) Can draw only flowchart

**395. Fifth generation computer is also known as**

- A) Knowledge information processing system**  
B) Very large scale integration (VLSI)  
C) Both of above  
D) None of above

**396. The commonly used standard data code to represent alphabetical, numerical and punctuation characters used in electronic data processing system is called**

- A) ASCII  
B) EBCDIC  
C) BCD  
**D) All of above**

**397. Which of the following have low failure rate?**

- A) mechanical devices  
**B) electronic devices**  
C) electro-mechanical devices  
D) None of above

**398. Which of the following memories need refresh?**

- A) SRAM  
**B) DRAM**



- C) ROM
- D) All of the above

**399. A typical personal computer used for business purposes would have \_\_\_ of RAM.**

- A) 4 KB
- B) 16 K
- C) 64 K
- D) 256 K**

**400. The ALU of a computer normally contains a number of high speed storage element called**

- A) Semiconductor memory
- B) Registers**
- C) Hard disks
- D) Magnetic disk

**401. Which was the computer conceived by Babbage?**

- A) Analytical Engine**
- B) Arithmetic Machine
- C) Donald Kunth
- D) All of above

**402. The processing speed of first generation computers was**

- A) milliseconds**
- B) microseconds
- C) nanoseconds
- D) picoseconds

**403. Model 5100 was \_\_\_\_\_ in 1957.**

- A) The first PC built by IBM**
- B) The first PC built by Apple
- C) The first PC built by Motorola
- D) The first PC built by Intel

**404. VGA is**

- A) Video Graphics Array**
- B) Visual Graphics Array
- C) Volatile Graphics Array
- D) Video Graphics Adapter

**405. A kind of scanner MICR is the short form of**

- A) Magnetic Ink Character Reader**
- B) Magnetic Ink Code Reader
- C) Magnetic Ink Cases Reader
- D) None

**406. Which of the following is not a class based on size?**

- A) Mainframe Computer
- B) Micro Computer
- C) Mini Computer
- D) Digital Computer**

**407. Which 8-bit chip was used in many of today's TRS-80 computers?**

- A) Z-8000
- B) Motorola 6809
- C) Z-8808
- D) Z-80**

**408. Which of the following disk is fixed disk?**

- A) Hard Disks**
- B) Flash Disks
- C) Blu-Ray Disks
- D) DVDs

**409. Which of the following professions has not been affected by personal computers?**

- A) Medical
- B) Clerical and law
- C) Accounting
- D) None of the above**

**410. The word Abacus is derived from Abax, a word from**

- A) Latin language**
- B) Greek Language
- C) Sanskrit language
- D) Ancient Egypt

**411. In latest generation computers, the instructions are executed**

- A) Parallel only
- B) Sequentially only
- C) Both sequentially and parallel**
- D) All of above

**412. Which of the following memory medium is not used as main memory system?**

- A) Magnetic core
- B) Semiconductor
- C) Magnetic tape**
- D) Both a and b

**413. An online backing storage system capable of storing larger quantities of data is**

- A) CPU
- B) Memory
- C) Mass storage**
- D) Secondary storage



**414. A kind of serial dot-matrix printer that forms characters with magnetically-charged ink sprayed dots is called**

- A) Laser printer
- B) Ink-jet printer
- C) Drum printer
- D) Chan printer**

**415. Which of the following does not affect the resolution of a video display image?**

- A) Bandwidth
- B) Raster scan rage
- C) Vertical and horizontal lines of resolution
- D) Screen size**

**416. Which of the following printing devices an output composed of a series of data?**

- A) Wire matrix printer
- B) Band printer
- C) Wang image printer
- D) Both a and c**

**417. Which of the following is an example of fifth generation computer?**

- A) PIM/m**
- B) ICL 2950
- C) IBM 1401
- D) None of above

**418. Magnetic disks are the most popular medium for**

- A) Direct access
- B) Sequential access
- C) Both of above**
- D) None of above

**419. Which of the following is not a third generation computer?**

- A) IBM 360
- B) IBM 1401**
- C) PDP-8
- D) HP2115

**420. The number of records contained within a block of data on magnetic tape is defined by the**

- A) Block definition
- B) Record contain clause
- C) Blocking factor**
- D) Record per block

**421. Mark I is also known as**

- A) American Sequence Controlled Calculator

- B) Automatic Sequence Calculating Controller
- C) American Sequence Controlled Computer
- D) Automatic Sequence Controlled Calculator**

**422. Which of the following registers is loaded with the contents of the memory location pointed by the PC?**

- A) Memory address registers
- B) Memory data registers
- C) Instruction register**
- D) Program counter

**423. Which of the following are the cheapest memory devices in terms of Cost/Bit?**

- A) Semiconductor memories
- B) Magnetic Disks
- C) Compact Disks**
- D) Magnetic Tapes

**424. MIS is designed to provide information needed for effective decision making by?**

- A) Consumers
- B) Workers
- C) Foremen
- D) Managers**

**425. Which is valid statement**

- A) 1 KB = 1024 Bytes**
- B) 1 MB = 1024 Bytes
- C) 1 KB = 1000 Bytes
- D) 1 MB = 1000 Bytes

**426. Latency time is**

- A) Time to spin the needed data under head**
- B) Time to spin the needed data under track
- C) Time to spin data under sector
- D) All of above

**427. Who built the first Mechanical Calculator**

- A) Joseph Marie Jacquard
- B) John Mauchly
- C) Blaise Pascal**
- D) Howard Aiken

**428. The most important advantage of a video disk is**

- A) Compactness
- B) Potential capacity**
- C) Durability
- D) Cost effectiveness

**429. Which of the following generation computers had expensive operation cost?**

- A) First
- B) Second
- C) Third
- D) Fourth

**430. An IBM system/38 represents the computer class of:**

- A) Small-scale computer
- B) Medium-scale computer
- C) Large-scale computer
- D) Super computer

**431. Another word for a daisy wheel printer**

- A) Petal printer
- B) Golf ball printer
- C) Laser printer
- D) Line printer

**432. Cursor is a \_\_\_\_**

- A) Pixel
- B) Thin blinking line
- C) Pointing device
- D) None of these

**433. Which device is used to backup the data?**

- A) Floppy Disk
- B) Tape
- C) Network Drive
- D) All of the above

**434. Which of the following printers are you sure will not to use if your objective is to print on multi carbon forms?**

- A) Daisy wheel
- B) Dot matrix
- C) Laser
- D) Thimble

**435. Which of the following items are examples of storage devices?**

- A) Floppy / hard disks
- B) CD-ROMs
- C) Tape devices
- D) All of the above

**436. ASCII and EBCDIC are the popular character coding systems. What does ASCII stand for?**

- A) American Stable Code for International Interchange

B) American Standard Case for Institutional Interchange

C) American Standard Code for Information Interchange

D) American Standard Code for Interchange Information

**437. Which computers are used as servers for any medium sized organizations?**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers
- D) Super Computers

**438. Slide Rules was invented in**

- A) 1614
- B) 1617
- C) 1620
- D) None of above

**439. A normal CD-ROM usually can store up to \_\_\_\_\_ data?**

- A) 680 KB
- B) 680 Bytes
- C) 680 MB
- D) 680 GB

**440. Which of the following required large computer memory?**

- A) Imaging
- B) Graphics
- C) Voice
- D) All of above

**441. Which was the computer conceived by Babbage?**

- A) Analytical engine
- B) Arithmetic machine
- C) Donald Knuth
- D) All of above

**442. The lower deck of an abacus is known as**

- A) heaven
- B) sky
- C) earth
- D) floor

**443. All modern computer operate on**

- A) Information
- B) Floppies
- C) Data
- D) Word

**444. The**

- A) Analog Computers
- B) Digital Computers
- C) Hybrid Computers**
- D) Mainframe Computers

**445. Offline device is**

- A) A device which is not connected to CPU**
- B) A device which is connected to CPU
- C) A direct access storage device
- D) An I/O device

**446. What is the latest write-once optical storage media?**

- A) Digital paper
- B) Magneto-optical disk
- C) WORM disk
- D) CD-ROM disk**

**447. Which of the following programming language started from second generation?**

- A) LISP
- B) C
- C) QBASIC
- D) FORTRAN**

**448. Which one of the following input device is user-programmable?**

- A) Dumb terminal
- B) Smart terminal
- C) VDT
- D) Intelligent terminal**

**449. Floppy disks typically in diameter**

- A) 3?
- B) 5.25?
- C) 8?
- D) All of above**

**450. Current SIMMs have either \_\_\_ or \_\_\_ connectors (pins)**

- A) 9 or 32
- B) 30 or 70
- C) 28 or 72
- D) 30 or 72**

**451. Dot-matrix is a type of**

- A) Tape
- B) Printer**
- C) Disk
- D) Bus

**452. Which is not consisted in a processor**

- A) ALU
- B) CU
- C) Memory**
- D) Registers

**453. IBM 1401 is the first computer to enter in Nepal. It belonged to**

- A) First Generation
- B) Second Generation**
- C) Third Generation
- D) Fourth Generation

**454. The Third Generation Computer was made with \_\_\_\_\_.**

- A) Vacuum Tube
- B) Discrete Components
- C) IC**
- D) Bio Chips

**455. Which of the following are the two main components of the CPU?**

- A) Control Unit and Registers
- B) Registers and Main Memory
- C) Control unit and ALU**
- D) ALU and bus

**456. Fifth generation computer is also known as**

- A) Knowledge information processing system**
- B) Very large scale integration
- C) Both of above
- D) None of above

**457. Second Generation computers were developed during**

- A) 1949 to 1955
- B) 1956 to 1965**
- C) 1965 to 1970
- D) 1970 to 1990

**458. What is the name of the computer terminal which gives paper printout?**

- A) Display screen
- B) Soft copy terminal
- C) Hard copy terminal**
- D) Plotter

**459. Programs are executed on the basis of a priority number in a**

- A) Batch processing system
- B) Multiprogramming**

- C) Time sharing
- D) None of these

**460. When was Apple Macintosh II microcomputer introduced in the market?**

- A) 1964
- B) 1970
- C) 1983**
- D) 1986

**461. When was the world's first laptop computer introduced in the market and by whom?**

- A) Hewlett-Packard
- B) Epson, 1981**
- C) Laplink traveling software In1982
- D) Tandy model-2000, 1985

**462. Today's computer giant IBM was earlier known by different name which was changed in 1924. What was that name?**

- A) Computer Tabulating Recording Co.**
- B) The Tabulator Ltd.
- C) International Computer Ltd.
- D) None of above

**463. The personnel who deals with the computer and its management put together are called**

- A) Software
- B) Human ware**
- C) Firmware
- D) Hardware

**464. Which of the following is input device?**

- A) scanner**
- B) speaker
- C) monitor
- D) projector

**465. Which of the following is true?**

- A) Fields are composed of bytes
- B) Records are composed of fields
- C) Fields are composed of characters
- D) All of above**

**466. Who built the world's first electronic calculator using telephone relays, light bulbs and batteries?**

- A) Claude Shannon
- B) Konrard Zues
- C) George Stibits**
- D) Howard H. Aiken

**467. WAN is a most used abbreviation in Newtorking, what is its full form?**

- A) WAP Area Network
- B) Wide Area Network**
- C) Wide Array of Network
- D) Wireless Access Network

**468. In which language is source program written?**

- A) English
- B) Symbolic
- C) High level**
- D) Temporary

**469. Which of the following is correct acronym of VGA?**

- A) Video Graphics Array**
- B) Visual Graphics Array
- C) Volatile Graphics Array
- D) Video Graphics Adapter

**470. A song being played on comptuer speaker is**

- A) hard output
- B) soft output**
- C) both hard and soft output
- D) neither hard nor soft output

**471. In the IBM PC-At, what do the words AT stand for**

- A) Additional Terminals
- B) Advance technology**
- C) Applied technology
- D) Advanced terminology

**472. Size of the primary memory of a PC ranges between**

- A) 2KB to 8KB
- B) 64KB & 256KB
- C) 256KB & 640KB**
- D) None of these

**473. What is the number of read-write heads in the drive for a 9-trac magnetic tape?**

- A) 9**
- B) 16
- C) 18
- D) 27

**474. Apple company used chips from \_\_\_\_\_ for its computers**

- A) Intel
- B) Motorola**

- C) Both of above
- D) None of above

**475. Which of the following is a feature of fifth generation computers?**

- A) Use of natural language
- B) artificial intelligence
- C) bio-chips
- D) All of above**

**476. Charles Babbage was awarded by Royal Society for his**

- A) Difference Engine**
- B) Analytic Engine
- C) Binary System in Analytic Engine
- D) His concept of input, mill, output and storage

**477. A computer which CPU speed around 100 million instruction per second and with the word length of around 64 bits is known as**

- A) Super computer**
- B) Mini computer
- C) Micro computer
- D) Macro computer

**478. When we look at the cost, which of the following computer is most expensive?**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers
- D) Super Computers**

**479. Which of the following will happen when data is entered into a memory location?**

- A) It will add to the content of the location
- B) It will change the address of the memory location
- C) It will erase the previous content**
- D) It will not be fruitful if there is already some data at the location

**480. Which device is used as the standard pointing device in a Graphical User Environment?**

- A) Keyboard
- B) Mouse**
- C) Joystick
- D) Track ball

**481. Mini computers and micro computers are from which generation of computers?**

- A) First

- B) Second
- C) Third
- D) Fourth**

**482. Pick the one that is used for logical operations or comparisons such as less than equal to or greater than.**

- A) Arithmetic and Logic Unit**
- B) Control Unit
- C) Both of above
- D) None of above

**483. The operating speed of third generation computer was**

- A) Milliseconds
- B) Microseconds
- C) Nanoseconds**
- D) Picoseconds

**484. Which of the following is true?**

- A) Mark I was 8 feet long
- B) Mark I was 2 feet long
- C) Mark I was 40 feet long
- D) None of above**

**485. Charles Babbage is considered the father of modern computers because**

- A) of his difference engine
- B) of his analytical engine
- C) his concept of input, mill and output**
- D) All of above

**486. Which of the following is used only for data entry and storage, and never for processing?**

- A) Mouse
- B) Dumb terminal**
- C) Micro computer
- D) Dedicated data entry system

**487. What was the first computer brought in Nepal?**

- A) ICL/2950
- B) ENIAC
- C) IBM 1401**
- D) None of above

**488. The primary advantage of key-to-tape data entry system is**

- A) A large percentage of editing can be performed at the time of data entry
- B) Key verification is easily performed**

**C) The tape is reusable**

D) Keying errors can be detected as they occur.

**489. Basic is \_\_\_\_\_ language.**

**A) a procedural**

B) an object oriented

C) both A and B

D) none of the above

**490. A computer Program that translates one program instruction at a time into machine language is called a/an**

**A) Interpreter**

B) CPU

C) Compiler

D) Simulator

**491. Which of the following have the fastest access time?**

**A) Semiconductor Memories**

B) Magnetic Disks

C) Magnetic Tapes

D) Compact Disks

**492. The first electronic general purpose digital computer built by Eckert and Mauchly called ENIAC did not work on the stored program concept. How many numbers could it store in its internal memory?**

A) 100

**B) 20**

C) 40

D) 80

**493. The computer that process both analog and digital is called**

A) Analog computer

B) Digital computer

**C) Hybrid computer**

D) Mainframe computer

**494. What was the name of the first commercially available microprocessor chip?**

A) Intel 308

B) Intel 33

**C) Intel 4004**

D) Motorola 639

**495. Which of the following class of computers can process physical quantities such as speed?**

**A) Analog Computers**

B) Digital Computers

C) Hybrid Computers

D) None of above

**496. How many types of storage loops exists in magnetic bubble memory**

A) 8

B) 4

C) 16

**D) 2**

**497. When did IBM introduce the 20286 based PC/AT?**

A) 1982

**B) 1984**

C) 1985

D) 1989

**498. The silicon chips used for data processing are called**

A) RAM chips

B) ROM chips

**C) Micro processors**

D) PROM chips

**499. Which computers used operating systems by Microsoft?**

A) IBM PCs

B) Apple/Macintosh PCs

C) IBM Compatibles

**D) Both A & C**

**500. One of the main feature that distinguish microprocessors from micro-computer is**

A) Words are usually large in microprocessors

B) Words are shorter in microprocessors

**C) Microprocessor does not contain I/O device**

D) Exactly the same as the machine cycle time

**501. Napier's Bones were invented in**

A) 1614

**B) 1617**

C) 1620

D) None of above

**502. One computer that is not considered a portable computer is**

**A) Minicomputer**

B) A laptop computer



- C) Tablet PC
- D) All of the above

**503. Computers built before the First Generation of computers were:**

- A) Mechanical
- B) Electro-mechanical**
- C) Electrical
- D) None of these

**504. Which of the following is a way to access secondary memory?**

- A) Random access memory**
- B) Action method
- C) Transfer method
- D) Density method

**505. What is System Analysis?**

- A) The design of the screen the user will see and use to enter or display data
- B) System analysis defines the format and type of data the program will use
- C) System Analysis involves creating formal model of the problem to be solved**
- D) None of the above

**506. Which of the following devices have a limitation that we can only store information to it but cannot erase or modify it?**

- A) Floppy Disk
- B) Hard Disk
- C) Tape Drive
- D) CDROM**

**507. Which is an item of storage medium in the form of circular plate?**

- A) Disk**
- B) CPU
- C) Printer

D) ALU

**508. Daisy wheel printer is a type of**

- A) Matrix printer
- B) Impact printer**
- C) Laser printer
- D) Manual printer

**509. A number system that has eight different symbols to represent any quantity is known as**

- A) Binary
- B) Octal**
- C) Decimal
- D) Hexadecimal

**510. The two basic types of record access methods are:**

- A) Sequential and random**
- B) Sequential and indexed
- C) Direct and immediate
- D) Online and real time

**511. Artificial Intelligence is associated with which generation?**

- A) First Generation
- B) Second Generation
- C) Fifth Generation**
- D) Sixth Generation

**512. One of a class of storage device devices that can access storage locations in any order is**

- A) DTE
- B) DASD**
- C) DDE
- D) DDE

**513. The actual execution of instructions happens in**

- A) ALU**



- B) CU
- C) Memory
- D) None of above

**514. Floppy disks are available in**

- A) Single side single density
- B) Single side double density

**C) Both of above**

- D) None of above

**515. Which of the following is not electro-mechanical computer?**

- A) Z3
- B) ABC
- C) mark I

**D) ENIAC**

**516. Which of the following is a programming language?**

- A) Lotus
- B) Pascal**
- C) MS-Excel
- D) Netscape

**517. Which converts the user data into machine readable form?**

- A) input unit, output unit, control unit**
- B) central processing unit
- C) output unit
- D) decoder unit

**518. In what respect human beings are superior to computers?**

- A) Diligence
- B) Intelligence**
- C) Slavery
- D) Reliability

**519. As compared to the secondary memory, the primary memory of a computer is**

- A) Large
- B) Cheap
- C) Fast**
- D) Slow

**520. The language that the computer can understand and execute is called**

- A) Machine language**
- B) Application software
- C) System program
- D) All of above

**521. How was the generation of computer classified?**

- A) by the device used in memory & processor**
- B) by the speed of computer
- C) by the model of the computer
- D) by the accuracy of computer

**522. Which of the following is not a feature of first generation computers**

- A) They used vacuum tubes or valves as main electronic component
- B) They consumed lots of electricity and produced excessive heat

**C) They used machine language and assembly language to program the machine**

- D) None of above

**523. CAD stands for**

- A) Computer aided design**
- B) Computer algorithm for design
- C) Computer application in design
- D) All of the above

**524. Which of the following memories has the shortest access times?**

**A) Cache memory**

B) Magnetic bubble memory

C) Magnetic core memory

D) RAM

**525. A small or intelligent device is so called because it contains within it a**

A) Computer

B) Microcomputer

C) Programmable

**D) Sensor**

**526. Which of the following is not a primary storage device?**

A) Magnetic tape

B) Magnetic disk

C) Optical disk

**D) All of above**

**527. Who invented Analytical engine?**

A) Blaise Pascal

B) George Bool

**C) Charles Babbage**

D) Dr. Herman Hollerith

**528. CPU speed of a personal computer is**

A) 32 KIPS

**B) 100 KIPS**

C) 1 MIPS

D) None of these

**529. Circular division of disks to store and retrieve data are known as**

**A) tracks**

B) sectors

C) cycles

D) rings

**530. Which statement is valid?**

**A) 1KB = 1024 bytes**

B) 1 MB=2048 bytes

C) 1 MB = 1000 kilobytes

D) 1 KB = 1000 bytes

**531. The least significant bit of the binary number, which is equivalent to any odd decimal number, is:**

**A) 0**

B) 1

C) 1 or 0

D) 3

**532. The latest PC keyboards use a circuit that senses the movement by the change in its capacitance,**

**A) Capacitance keyboard**

B) Mechanical keyboard

C) Qwerty keyboard

D) Dvorak keyboard

**533. The Stepped Reckoner was invented by**

A) John Napier

B) William Oughtred

**C) Gottfried Leibnitz**

D) Blaise Pascal

**534. A term used to describe interconnected computer configuration is**

**A) Multiprogramming**

B) Modulation

C) Multiprocessing

D) Micro program sequence

**535. While inserting a diskette into the diskette drive of a PC, the diskette's label side should face**

A) East

B) North

C) South

**D) Up**

**536. Most of the inexpensive personal computers do not have any disk or diskette drive. What is the name of such computers?**

A) Home computers

**B) Diskless computers**

C) Dedicated computers

D) General purpose computers

**537. What is a light pen?**

A) Mechanical Input device

**B) Optical input device**

C) Electronic input device

D) Optical output device

**538. Which of the following class of computers can not support multiple users simultaneously?**

A) Mainframe Computer

B) Mini Computers

**C) Micro Computers**

D) All of them can support

**539. Which of the following is considered first computer in the world?**

A) Z3

B) ABC

**C) Mark I**

D) None of above

**540. When a key is pressed on the keyboard, which standard is used for converting the keystroke into the corresponding bits?**

**A) ANSI**

B) ASCII

C) EBCDIC

D) ISO

**541. In order to play and hear sound on a computer, one needs:**

**A) a sound card and speakers**

B) a microphone

C) all of them required

D) none of them required

**542. Which of the following devices can be used to directly image printed text?**

**A) OCR**

B) OMR

C) MICR

D) All of above

**543. For which of the following computers can't be used?**

**A) Gathering data**

B) Calculating data

C) Comparing data

D) Arranging data

**544. Which of the following is called low level languages?**

A) Machine language

B) Assembly language

**C) Both of the above**

D) None of above

**545. A factor which would strongly influence a business person to adopt a computer is its**

A) Accuracy

B) Reliability

C) Speed

**D) All of above**

**546. Who invented punched cards?**

A) Charles Babbage

B) Dr. Herman Hollerith

C) Howard Aikin

**D) Joseph Jacquard**

**547. Each model of a computer has a unique**

A) Assembly of a computer

**B) Machine language**

C) High level language

D) All of the above

**548. Which of the following is not a primary storage device?**

A) Magnetic tape

B) Magnetic disk

C) Optical disk

**D) All of the above**

**549. In a punched card system, data is processed by a**

A) Key punch machine, sorter and posting machine

B) Accounting machine, posting machine, and billing machine

C) Sorter, posting machine, and billing machine

**D) Accounting machine, key punch machine and sorter**

**550. Which device is required for the Internet connection?**

A) Joystick

**B) Modem**

C) CD Drive

D) NIC Card

**551. A set of rods where numbers were carved and used for multiplication and division aids is known as**

A) Pascaline

**B) Napier's Bones**

C) Stepped Reckoner

D) Slide Rule

**552. Seek time is**

**A) time to position the head over proper track**

B) time to position the head over proper sector

C) time to position the head over proper cylinder

D) none of above

**553. Tape speed is measured in**

A) Feet per second

**B) Inch per second**

C) Meter per second

D) Centimeter per second

**554. Punched cards were first introduced by**

A) Powers

B) Pascal

C) Jacquard

**D) Herman Hollerith**

**555. Which computer support co-processors?**

A) XT computer

**B) AT computers**

C) None of these

D) Both of these

**556. A floppy disk contains**

A) Circular tracks only

B) Sectors only

**C) Both circular tracks and sectors**

D) None of the above

**557. The capacity of 3.5 inch floppy disk is**

A) 1.40 MB

B) 1.44 GB

C) 1.40 GB

**D) 1.44 MB**

**558. The contribution of Konrad Zuse was long ignored because**

- A) He made the computers secretly
- B) his computers were very complicated and it took time for the people to recognize its power
- C) of political reasons. He was German.**
- D) All of the above

**559. Any method for controlling access to or use of memory is known**

- A) Memory map
- B) Memory protection**
- C) Memory management
- D) Memory instruction

**560. In what respect computers are superior to human beings?**

- A) Diligence**
- B) Intelligence
- C) Both of above
- D) None of above

**561. Com in Latin is**

- A) Intensifying prefix**
- B) Intensifying suffix
- C) A term that means to reckon
- D) None of above

**562. The system unit of a personal computer typically contains all of the following except:**

- A) Microprocessor
- B) Disk controller
- C) Serial interface
- D) Modem**

**563. Which of the following is related to fifth generation computers?**

- A) Knowledge information processing system**

B) Very large scale integration (VLSI)

C) Both of above

D) Only b

**564. The process of starting a or restarting a computer system by loading instructions from a secondary storage device into the computer memory is called**

- A) Duping
- B) Booting**
- C) Padding
- D) CPS

**565. MSI stands for**

- A) Medium Scale Integrated Circuits**
- B) Medium System Integrated Circuits
- C) Medium Scale Intelligent Circuit
- D) Medium System Intelligent Circuit

**566. A Pixel is \_\_\_\_\_**

- A) A computer program that draws picture
- B) A picture stored in secondary memory
- C) The smallest resolvable part of a picture**
- D) None of these

**567. A/n \_\_\_\_\_ Device is any device that provides information, which is sent to the CPU**

- A) Input**
- B) Output
- C) CPU
- D) Memory

**568. What was the nick name of the computer used by the Americans in 1952 for their H-bomb project?**

- A) ENIAC
- B) EDSAC
- C) MANIAC**

D) UNIVAC

**569. Which is the type of memory for information that does not change on your computer?**

A) RAM

**B) ROM**

C) ERAM

D) RW / RAM

**570. LSI, VLSI & ULSI chips were used in which generation?**

A) First

B) Second

C) Third

**D) Fourth**

**571. Which of the following is the largest manufacturer of Hard Disk Drives?**

A) IBM

**B) Seagate**

C) Microsoft

D) 3M

**572. Networking such as LAN, MAN started from**

A) First generation

B) Second generation

C) Third generation

**D) Fourth generation**

**573. Which characteristic of computer distinguishes it from electronic calculators?**

A) Accuracy

B) Storage

**C) Versatility**

D) Automatic

**574. Which of the following registers is used to keep track of address of the memory location where the next instruction is located?**

A) Memory address register

B) Memory data register

C) Instruction register

**D) Program counter**

**575. Which of the following is not the classification of computers based on application?**

**A) Electronic Computers**

B) Analog Computers

C) Digital Computers

D) Hybrid Computers

**576. Which of the following is not a type of Software**

A) System Software

B) Application Software

C) Utility Software

**D) Entertainment Software**

**577. Who invented the high level language C?**

**A) Dennis M. Ritchie**

B) Niklaus Wirth

C) Seymour Papert

D) Donald Kunth

**578. What do you call the programs that are used to find out possible faults and their causes?**

A) Operating system extensions

B) Cookies

**C) Diagnostic software**

D) Boot diskettes

**579. Which computer memory is used for storing programs and data currently being processed by the CPU?**

A) Mass memory



**B) Internal memory**

- C) Non-volatile memory
- D) PROM

**580. Which of the following code used in present day computing was developed by IBM Corporation?**

- A) ASCII
- B) Hollerith Code
- C) Bardot Code
- D) EBCDIC Code**

**581. When was the transistors invented?**

- A) 1948**
- B) 1938
- C) 1958
- D) 1968

**582. In the third Generation of computers**

- A) Distributed data processing first became popular
- B) An operating system was first developed
- C) High level procedural language were first used
- D) Online real time systems first become popular**

**583. Most important advantage of an IC is its**

- A) Easy replacement in case of circuit failure
- B) Extremely high reliability**
- C) Reduced cost
- D) Lower power consumption

**584. Which of the following magazines covers only the IBM PC and its compatibles?**

- A) Byte
- B) PC Magazine**
- C) Personal Computing
- D) Interface Age

**585. UNIVAC was a first generation computer. What is its full form?**

**A) Universal Automatic Computer**

- B) Universal Array Computer
- C) Unique Automatic Computer
- D) Unvalued Automatic Computer

**586. Which of the following is required when more than one person uses a central computer at the same time?**

- A) Terminal**
- B) Light pen
- C) Digitizer
- D) Mouse

**587. Which of the following is not an output device?**

- A) Portable Projector
- B) Printer
- C) Flat Screen
- D) Touch Screen**

**588. Personal computers used a number of chips mounted on a main circuit board. What is the common name for such boards?**

- A) Daughterboard
- B) Motherboard**
- C) Father board
- D) Childboard