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Chapter 1: Introduction to Computer

Q1. Which of the following is the brain of the computer?

A) Monitor
B) CPU
C) Keyboard
D) Printer
Answer: B) CPU

Q2. Which of the following is an input device?

A) Printer
B) Monitor
C) Keyboard
D) Speaker
Answer: C) Keyboard

Q3. Which of the following is an output device?

A) Mouse
B) Scanner
C) Monitor
D) Keyboard
Answer: C) Monitor

Q4. RAM stands for?

A) Random Access Memory
B) Read Access Memory
C) Random Active Memory
D) Read Active Memory
Answer: A) Random Access Memory

Q5. Which memory is volatile in nature?

A) ROM
B) RAM
C) Hard Disk
D) Pen Drive
Answer: B) RAM

Q6. 1 Byte is equal to how many bits?

A) 4 bits
B) 8 bits
C) 16 bits
D) 32 bits
Answer: B) 8 bits

Q7. Which of the following is a Systems Software?

A) MS Word
B) Operating System
C) Tally
D) Photoshop
Answer: B) Operating System

Q8. Which of the following is an example of Application Software?

A) Windows
B) Linux
C) MS Excel
D) Device Driver
Answer: C) MS Excel

Q9. Which of the following is an example of Utility Software?

A) Antivirus
B) MS Word
C) MS PowerPoint
D) Web Browser
Answer: A) Antivirus

Q10. Which of the following is a proprietary software?

A) Linux
B) MS Windows
C) Ubuntu
D) LibreOffice
Answer: B) MS Windows

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Q11. Which of the following is an open-source operating system?

A) Windows
B) macOS
C) Linux
D) MS-DOS
Answer: C) Linux

Q12. Which of the following stores data permanently even when the power is off?

A) RAM
B) Cache Memory
C) Hard Disk
D) Register
Answer: C) Hard Disk

Q13. Which of the following is an example of an IT gadget?

A) Smartwatch
B) Chair
C) Table
D) Book
Answer: A) Smartwatch

Q14. Full form of CPU is?

A) Central Processing Unit
B) Central Program Unit
C) Computer Processing Unit
D) Control Processing Unit
Answer: A) Central Processing Unit

Q15. Which generation of computers used microprocessors?

A) First Generation
B) Second Generation
C) Third Generation
D) Fourth Generation
Answer: D) Fourth Generation

Q16. Which generation of computers used vacuum tubes?

A) First Generation
B) Second Generation
C) Third Generation
D) Fifth Generation
Answer: A) First Generation

Q17. Which generation of computers used transistors?

A) First Generation
B) Second Generation
C) Third Generation
D) Fourth Generation
Answer: B) Second Generation

Q18. Which generation of computers introduced Integrated Circuits (IC)?

A) First Generation
B) Second Generation
C) Third Generation
D) Fourth Generation
Answer: C) Third Generation

Q19. Fifth generation computers are based on which technology?

A) Transistors
B) Vacuum Tubes
C) Artificial Intelligence
D) Integrated Circuits
Answer: C) Artificial Intelligence

Q20. Which of the following is the smallest unit of data in a computer?

A) Byte
B) Bit
C) Nibble
D) Word
Answer: B) Bit

Q21. 1 Kilobyte (KB) is equal to?

A) 1000 Bytes
B) 1024 Bytes
C) 1024 KB
D) 100 Bytes
Answer: B) 1024 Bytes

Q22. 1 Megabyte (MB) is equal to?

A) 1024 KB
B) 1024 GB
C) 1000 KB
D) 1024 Bytes
Answer: A) 1024 KB

Q23. Which of the following is a pointing input device?

A) Mouse
B) Monitor
C) Printer
D) Speaker
Answer: A) Mouse

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Q24. Which of the following device is used to convert a physical document into digital form?

A) Scanner
B) Printer
C) Monitor
D) Speaker
Answer: A) Scanner

Q25. Which of the following is used to produce a hard copy of digital documents?

A) Scanner
B) Printer
C) Monitor
D) Mouse
Answer: B) Printer

Q26. Which part of the computer performs arithmetic and logical operations?

A) ALU (Arithmetic Logic Unit)
B) Control Unit
C) RAM
D) Hard Disk
Answer: A) ALU (Arithmetic Logic Unit)

Q27. Which part of the CPU directs the operations of the computer?

A) ALU
B) Control Unit
C) RAM
D) ROM
Answer: B) Control Unit

Q28. Which of the following is a secondary storage device?

A) RAM
B) Cache
C) Hard Disk
D) Register
Answer: C) Hard Disk

Q29. Which of the following is a portable storage device?

A) Pen Drive
B) CPU
C) Motherboard
D) RAM
Answer: A) Pen Drive

Q30. Which of the following is an example of a mobile app for communication?

A) WhatsApp
B) MS Excel
C) Photoshop
D) Notepad
Answer: A) WhatsApp

Q31. Which software controls and coordinates all computer hardware and software?

A) Application Software
B) Operating System
C) Utility Software
D) Device Driver only
Answer: B) Operating System

Q32. Which of the following is free and can be modified by anyone (source code is open)?

A) Proprietary Software
B) Open Source Software
C) Licensed Software
D) Trial Software
Answer: B) Open Source Software

Q33. Which of the following requires payment/license to use legally?

A) Open Source Software
B) Proprietary Software
C) Freeware
D) Public Domain Software
Answer: B) Proprietary Software

Q34. Which of the following is an example of Open Source office software?

A) MS Office
B) LibreOffice
C) Adobe Acrobat
D) CorelDRAW
Answer: B) LibreOffice

Q35. Touchscreen is an example of which type of device?

A) Only Input
B) Only Output
C) Both Input and Output
D) Neither
Answer: C) Both Input and Output

Q36. Which of the following measures computer processing speed?

A) Hertz (Hz)
B) Bytes

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C) Volts
D) Watts
Answer: A) Hertz (Hz)

Q37. A joystick is generally used as an input device for?

A) Printing documents
B) Playing games
C) Scanning images
D) Displaying output
Answer: B) Playing games

Q38. Which of the following is an example of a wearable IT gadget?

A) Smartwatch
B) Desktop Computer
C) Printer
D) Scanner
Answer: A) Smartwatch

Q39. Which type of memory is faster but more expensive and used for high-speed data access by the CPU?

A) Hard Disk
B) Cache Memory
C) Pen Drive
D) CD
Answer: B) Cache Memory

Q40. Which of the following best describes Hardware?

A) Physical/tangible parts of a computer
B) Set of instructions/programs
C) Only the operating system
D) Internet connection
Answer: A) Physical/tangible parts of a computer

Q41. Which of the following best describes Software?

A) Physical parts of the computer
B) A set of instructions/programs that run on a computer
C) Keyboard and mouse
D) Monitor and printer
Answer: B) A set of instructions/programs that run on a computer

Q42. Which of the following is NOT an output device?

A) Monitor
B) Printer
C) Speaker
D) Keyboard
Answer: D) Keyboard

Q43. Which of the following is an example of Utility Software used to compress files?

A) WinRAR/WinZip
B) MS Word
C) MS PowerPoint
D) Chrome
Answer: A) WinRAR/WinZip

Q44. A tablet is an example of?

A) An IT gadget
B) A printer
C) An input device only
D) An output device only
Answer: A) An IT gadget

Q45. Which of the following converts electrical signals into readable text/images on screen?

A) Monitor
B) Keyboard
C) Mouse
D) Scanner
Answer: A) Monitor

Q46. Which of the following is a benefit of using Open Source Software?

A) Free to use and modify
B) Always requires license fee
C) Source code is hidden
D) Cannot be shared
Answer: A) Free to use and modify

Q47. Which of the following is the correct order of computer generations by evolution?

A) Vacuum Tubes → Transistors → ICs → Microprocessors → AI
B) AI → Microprocessors → ICs → Transistors → Vacuum Tubes
C) Transistors → Vacuum Tubes → AI → ICs
D) ICs → Vacuum Tubes → Transistors → AI
Answer: A) Vacuum Tubes → Transistors → ICs → Microprocessors → AI

Q48. Which of the following is an example of Systems Software other than an OS?

A) Device Drivers

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B) MS Excel
C) Tally
D) Instagram
Answer: A) Device Drivers

Q49. Barcode/QR scanners used at billing counters are examples of?

A) Input devices
B) Output devices
C) Storage devices
D) Processing devices
Answer: A) Input devices

Q50. Which of the following best defines a Computer?

A) An electronic device that processes data as per given instructions to produce output
B) A device that only stores data
C) A device used only for typing
D) A device that only prints documents
Answer: A) An electronic device that processes data as per given instructions to produce output

Q51. Which of the following is an example of a Cache memory's purpose?

A) Speeding up data access between CPU and RAM
B) Printing documents
C) Displaying video output
D) Connecting to internet
Answer: A) Speeding up data access between CPU and RAM

Q52. Which of the following is the correct unit that comes after Gigabyte (GB)?

A) Terabyte (TB)
B) Megabyte (MB)
C) Kilobyte (KB)
D) Byte
Answer: A) Terabyte (TB)

Q53. Which of the following device converts sound into digital signals for input?

A) Microphone
B) Speaker
C) Monitor
D) Printer
Answer: A) Microphone

Q54. Which of the following is an example of a graphical output device?

A) Monitor
B) Keyboard
C) Mouse
D) Microphone
Answer: A) Monitor

Q55. A motherboard is used to?

A) Connect and hold all major computer components together
B) Only display output
C) Only store data permanently
D) Only provide internet access
Answer: A) Connect and hold all major computer components together

Q56. Which of the following is a benefit of using a laptop over a desktop?

A) Portability
B) Larger screen always
C) Cheaper always
D) Requires more space
Answer: A) Portability

Q57. Which of the following is an example of a handheld IT gadget?

A) Smartphone
B) Desktop Computer
C) Printer
D) Scanner
Answer: A) Smartphone

Q58. SSD stands for?

A) Solid State Drive
B) Simple Storage Device
C) Secondary Storage Drive
D) System Storage Disk
Answer: A) Solid State Drive

Q59. Which of the following storage device typically offers faster data access, SSD or HDD?

A) SSD
B) HDD
C) CD
D) Floppy Disk
Answer: A) SSD

Q60. Which of the following is an example of a Systems Software category?

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A) Operating System
B) MS Word
C) Tally
D) Adobe Photoshop
Answer: A) Operating System

Q61. A device driver is a type of?

A) Systems Software
B) Application Software
C) Hardware
D) Network Cable
Answer: A) Systems Software

Q62. Which of the following best represents the function of RAM?

A) Temporary storage used while a program is running
B) Permanent storage of the operating system
C) A type of printer
D) A type of monitor
Answer: A) Temporary storage used while a program is running

Q63. Which of the following is an example of freeware software?

A) Software that is free to use but not necessarily open source
B) Software that always requires payment
C) Software that cannot be downloaded
D) Software that only runs on mainframes
Answer: A) Software that is free to use but not necessarily open source

Q64. Which of the following describes a Mobile App?

A) A software application designed to run on mobile/smart devices
B) A type of printer
C) A type of hardware component
D) A type of network cable
Answer: A) A software application designed to run on mobile/smart devices

Q65. Which of the following is an example of an Application Software used for accounting?

A) Tally
B) Windows
C) Linux
D) Device Driver
Answer: A) Tally

Q66. The physical, touchable components of a computer system are collectively called?

A) Hardware
B) Software
C) Firmware only
D) Middleware
Answer: A) Hardware

Q67. Which of the following would you classify a printer driver as?

A) Systems Software
B) Application Software
C) Hardware only
D) Network Software
Answer: A) Systems Software

Q68. Which of the following is the correct term for instructions written to perform a specific task on a computer?

A) Program/Software
B) Hardware
C) Firmware only
D) Peripheral
Answer: A) Program/Software

Q69. A computer that fits on a desk and requires external monitor/keyboard is called?

A) Desktop Computer
B) Smartwatch
C) Smartphone
D) Tablet
Answer: A) Desktop Computer

Q70. Which of the following is generally considered a second generation computer's key hardware feature?

A) Transistors
B) Vacuum Tubes
C) Integrated Circuits
D) Microprocessors
Answer: A) Transistors

Q71. Which of the following is generally considered a fourth generation computer's key hardware feature?

A) Microprocessors
B) Vacuum Tubes
C) Transistors
D) None of the above
Answer: A) Microprocessors

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Q72. Which of the following storage unit is larger: 1 GB or 1 MB?

A) 1 GB
B) 1 MB
C) Both are equal
D) Cannot be compared
Answer: A) 1 GB

Q73. Which of the following device is used to project computer output onto a large screen?

A) Projector
B) Scanner
C) Mouse
D) Keyboard
Answer: A) Projector

Q74. Which of the following best describes 'peripheral devices'?

A) External devices connected to a computer such as printer, mouse, keyboard
B) Only internal components like RAM
C) Only the operating system
D) Only application software
Answer: A) External devices connected to a computer such as printer, mouse, keyboard

Q75. Which of the following describes 'Booting' a computer?

A) The process of starting up a computer and loading the operating system
B) The process of shutting down a computer
C) The process of printing a document
D) The process of installing a mouse
Answer: A) The process of starting up a computer and loading the operating system

Q76. Which of the following is the correct term for restarting a computer that is already switched on?

A) Warm Boot
B) Cold Boot
C) Hard Boot only
D) Soft Shutdown
Answer: A) Warm Boot

Q77. Which of the following is the correct term for starting a computer that was completely switched off?

A) Cold Boot
B) Warm Boot
C) Soft Boot only
D) Restart only
Answer: A) Cold Boot

Q78. A GPU is primarily responsible for?

A) Processing and rendering graphics/visuals
B) Storing files permanently
C) Connecting to the internet
D) Printing documents
Answer: A) Processing and rendering graphics/visuals

Q79. Which of the following describes the function of a power supply unit (PSU) in a computer?

A) Converts electrical power into usable form for computer components
B) Displays output
C) Stores data
D) Processes calculations
Answer: A) Converts electrical power into usable form for computer components

Q80. Which of the following is an example of an optical storage device?

A) CD/DVD
B) Hard Disk
C) Pen Drive
D) RAM
Answer: A) CD/DVD

Q81. Which of the following is a wearable IT gadget used to track fitness activities?

A) Fitness Band/Smartwatch
B) Desktop Monitor
C) Keyboard
D) Printer
Answer: A) Fitness Band/Smartwatch

Q82. Which of the following software category does a web browser belong to?

A) Application Software
B) Systems Software only
C) Utility Software only
D) Hardware
Answer: A) Application Software

Q83. Which of the following is TRUE regarding Operating System and Application Software relationship?

A) Application software runs on top of and depends on the operating system

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B) Application software controls the operating system

C) They are the exact same thing

D) Operating systems cannot run without application software

Answer: A) Application software runs on top of and depends on the operating system

Q84. Which of the following is the smallest addressable unit of memory in a computer, larger than a bit?

A) Byte

B) Bit

C) Kilobyte

D) Word

Answer: A) Byte

Q85. Which of the following term describes the speed at which a CPU processes instructions, measured in GHz?

A) Clock Speed

B) Storage Capacity

C) Screen Resolution

D) Battery Life

Answer: A) Clock Speed

Q86. Which of the following is generally an advantage of using IT gadgets in daily life?

A) Increased convenience and connectivity

B) Increased manual paperwork

C) Reduced communication

D) Increased isolation always

Answer: A) Increased convenience and connectivity

Q87. Which of the following device allows a computer to connect physically to a network using a cable?

A) Network Interface Card (NIC) / Ethernet Port

B) Monitor

C) Keyboard

D) Speaker

Answer: A) Network Interface Card (NIC) / Ethernet Port

Q88. Which of the following best defines 'Firmware'?

A) Permanent software programmed into a hardware device's memory

B) A type of temporary storage

C) A type of printer

D) A type of monitor

Answer: A) Permanent software programmed into a hardware device's memory

Q89. Which of the following is generally true about proprietary mobile apps like WhatsApp?

A) They are owned and controlled by a specific company

B) Their source code is fully open to the public

C) They cannot be used on smartphones

D) They have no owner

Answer: A) They are owned and controlled by a specific company

Q90. Which of the following describes the term 'user interface'?

A) The means by which a user interacts with a computer system

B) Only the internal wiring of a computer

C) Only the hard disk

D) Only the RAM

Answer: A) The means by which a user interacts with a computer system

Q91. Which of the following storage device is typically used to make regular backups of important data?

A) External Hard Disk

B) Monitor

C) Keyboard

D) Mouse

Answer: A) External Hard Disk

Q92. Which of the following is a benefit of digital literacy as mentioned in the CCC course objective?

A) Ability to use computers confidently in office and daily life

B) Only ability to repair computer hardware

C) Only ability to manufacture computers

D) Only ability to sell computers

Answer: A) Ability to use computers confidently in office and daily life

Q93. Which of the following describes the term 'Latest IT Gadgets' as per the CCC syllabus?

A) Modern electronic devices like smartphones, tablets and smartwatches used for various tasks

B) Only old typewriters

C) Only landline telephones

D) Only paper-based tools

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Answer: A) Modern electronic devices like smartphones, tablets and smartwatches used for various tasks

Q94. Which of the following is an example of Utility Software used for disk cleanup?

A) Disk Cleanup Tool
B) MS Word
C) MS PowerPoint
D) Photoshop
Answer: A) Disk Cleanup Tool

Q95. Which of the following best describes the evolution of computers?

A) Progression from large vacuum tube machines to small powerful microprocessor-based devices
B) No change has occurred in computer technology
C) Computers have only become larger over time
D) Computers have only become slower over time
Answer: A) Progression from large vacuum tube machines to small powerful microprocessor-based devices

Q96. Which of the following is an input device used primarily for gaming and CAD applications requiring precision drawing?

A) Graphics Tablet/Digitizer
B) Speaker
C) Monitor
D) Printer
Answer: A) Graphics Tablet/Digitizer

Q97. Which of the following is a common unit used to measure the resolution of a monitor?

A) Pixels
B) Bytes
C) Hertz only
D) Volts
Answer: A) Pixels

Q98. Which of the following is generally an example of Systems Software that manages memory and processes?

A) Operating System
B) MS Excel
C) MS PowerPoint
D) Adobe Reader
Answer: A) Operating System

Q99. Which of the following is an example of a computer peripheral used for audio output?

A) Speaker
B) Keyboard
C) Mouse
D) Scanner
Answer: A) Speaker

Q100. Which of the following best explains why Application Software is installed on top of an Operating System?

A) Application software relies on the OS to manage hardware resources and provide a platform to run
B) Application software replaces the need for an operating system
C) Application software is part of computer hardware
D) Operating systems cannot exist without application software
Answer: A) Application software relies on the OS to manage hardware resources and provide a platform to run

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