

Chapter 1: Introduction to Computer & Basic Concepts

Q1. Which of the following is the correct full form of VDU?

- A) Variable Display Unit
- B) Video Display Utility
- C) Visual Data Unit
- D) Visual Display Unit

Answer: D) Visual Display Unit

Q2. Which of the following is the primary function of a computer's Processing Unit?

- A) Providing internet access only
- B) Storing data permanently only
- C) Executing instructions and performing calculations
- D) Displaying output only

Answer: C) Executing instructions and performing calculations

Q3. Which of the following is an example of a Characteristic of a Computer System?

- A) Emotional intelligence
- B) Creativity without instructions
- C) Physical strength
- D) Speed, Accuracy, and Storage capability

Answer: D) Speed, Accuracy, and Storage capability

Q4. Which of the following is a Basic Application of Computer?

- A) Only cooking
- B) Only farming
- C) Data processing and communication
- D) Only construction

Answer: C) Data processing and communication

Q5. Which of the following is an input device used to type text into a computer?

- A) Monitor

- B) Printer
- C) Speaker
- D) Keyboard

Answer: D) Keyboard

Q6. Which of the following is a pointing input device?

- A) Monitor
- B) Speaker
- C) Printer
- D) Mouse

Answer: D) Mouse

Q7. Which of the following is the correct term for devices other than keyboard/mouse used to enter data, like a scanner or microphone?

- A) Storage Devices only
- B) Output Devices
- C) Other Input Devices
- D) Processing Devices only

Answer: C) Other Input Devices

Q8. Which of the following is an example of an 'Other Output Device' besides a monitor?

- A) Keyboard
- B) Scanner
- C) Printer/Speaker
- D) Mouse

Answer: C) Printer/Speaker

Q9. Which of the following best describes Computer Memory?

- A) The component that stores data and instructions for processing
- B) A type of keyboard
- C) A type of printer
- D) A type of monitor

Answer: A) The component that stores data and instructions for processing

Q10. Which of the following is the correct term for the physical, tangible components of a computer?

- A) Firmware only
- B) Middleware
- C) Hardware
- D) Software

Answer: C) Hardware

Q11. Which of the following is the correct term for a set of instructions that tells a computer what to do?

- A) Peripheral
- B) Hardware
- C) Motherboard
- D) Software

Answer: D) Software

Q12. Which of the following is an example of Application Software?

- A) BIOS
- B) Device Driver
- C) Windows Operating System
- D) MS Word

Answer: D) MS Word

Q13. Which of the following is an example of Systems Software?

- A) Photoshop
- B) MS Excel
- C) Operating System
- D) Tally

Answer: C) Operating System

Q14. Which of the following is a Programming Language used to write software instructions?

- A) MS Excel
- B) MS PowerPoint
- C) MS Word
- D) Python/C/Java

Answer: D) Python/C/Java

Q15. Which of the following is the smallest unit used for Representation of Data in a computer?

- A) Bit
- B) Byte
- C) Word
- D) Nibble

Answer: A) Bit

Q16. Which of the following best describes 'Data Processing'?

- A) Storing data without any change
- B) Converting raw data into meaningful information
- C) Printing data only
- D) Deleting data permanently

Answer: B) Converting raw data into meaningful information

Q17. Which of the following is the correct term for raw, unorganized facts before processing?

- A) Information
- B) Hardware
- C) Software
- D) Data

Answer: D) Data

Q18. Which of the following is the correct term for processed, organized and meaningful data?

- A) Data
- B) Firmware
- C) Information
- D) Hardware

Answer: C) Information

Q19. Which of the following device converts computer output into a printed hard copy?

- A) Keyboard
- B) Mouse
- C) Scanner
- D) Printer

Answer: D) Printer

Q20. Which of the following device converts a physical document into digital form for input?

- A) Scanner
- B) Printer
- C) Monitor
- D) Speaker

Answer: A) Scanner

Q21. Which of the following is the correct unit for measuring computer processing speed?

- A) Hertz (Hz)
- B) Volts
- C) Watts
- D) Bytes

Answer: A) Hertz (Hz)

Q22. Which of the following best describes the CPU's Control Unit function?

- A) Directing and coordinating the operations of the computer
- B) Printing documents
- C) Displaying output
- D) Storing data permanently

Answer: A) Directing and coordinating the operations of the computer

Q23. Which of the following best describes the CPU's ALU function?

- A) Directing operations only
- B) Displaying graphics only
- C) Storing files permanently
- D) Performing arithmetic and logical operations

Answer: D) Performing arithmetic and logical operations

Q24. Which of the following memory type is volatile (loses data when power is off)?

- A) Hard Disk
- B) Pen Drive
- C) RAM
- D) ROM

Answer: C) RAM

Q25. Which of the following memory type is non-volatile and stores data permanently?

- A) Cache Memory
- B) ROM/Hard Disk
- C) RAM
- D) Register

Answer: B) ROM/Hard Disk

Q26. Which of the following best describes RAM's role while a program is running?

- A) Permanently storing the operating system
- B) Displaying video output
- C) Temporarily storing data and instructions currently being used
- D) Providing internet connectivity

Answer: C) Temporarily storing data and instructions currently being used

Q27. Which of the following is an example of a secondary/permanent storage device?

- A) Register
- B) Cache
- C) RAM

D) Hard Disk

Answer: D) Hard Disk

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

- A) Motherboard
- B) RAM Chip
- C) Pen Drive
- D) CPU

Answer: C) Pen Drive

Q29. Which of the following is the correct term for software that manages computer hardware and provides a platform for application software?

- A) Middleware
- B) Application Software
- C) Operating System (Systems Software)
- D) Firmware only

Answer: C) Operating System (Systems Software)

Q30. Which of the following is an example of open source Systems Software?

- A) Linux
- B) MS Windows
- C) MS Office
- D) Adobe Photoshop

Answer: A) Linux

Q31. Which of the following is an example of proprietary Systems Software?

- A) Ubuntu
- B) MS Windows
- C) LibreOffice
- D) Linux

Answer: B) MS Windows

Q32. Which of the following describes the term 'Byte'?

- A) A group of 8 bits used to represent one character
- B) A type of software license
- C) A type of hardware component
- D) A single binary digit

Answer: A) A group of 8 bits used to represent one character

Q33. Which of the following is larger: 1 Kilobyte or 1 Byte?

- A) 1 Kilobyte
- B) 1 Byte

- C) Both are equal
- D) Cannot be compared

Answer: A) 1 Kilobyte

Q34. Which of the following best describes 'Basic Applications of Computer' in offices?

- A) Only physical labor
- B) Only cooking
- C) Word processing, data entry, and communication
- D) Only farming

Answer: C) Word processing, data entry, and communication

Q35. Which of the following is an example of Application Software used for spreadsheets?

- A) Windows OS
- B) Linux
- C) MS Excel
- D) Device Driver

Answer: C) MS Excel

Q36. Which of the following is an example of Application Software used for presentations?

- A) Linux
- B) Windows OS
- C) BIOS
- D) MS PowerPoint

Answer: D) MS PowerPoint

Q37. Which of the following device displays computer output visually?

- A) Keyboard
- B) Monitor (VDU)
- C) Mouse
- D) Scanner

Answer: B) Monitor (VDU)

Q38. Which of the following describes the relationship between Hardware and Software?

- A) Software provides instructions that hardware executes
- B) Software controls nothing on hardware
- C) Hardware and Software are the same thing
- D) Hardware cannot function with software

Answer: A) Software provides instructions that hardware executes

Q39. Which of the following is an example of an audio output device?

- A) Keyboard

- B) Speaker
- C) Scanner
- D) Mouse

Answer: B) Speaker

Q40. Which of the following is an example of an audio input device?

- A) Printer
- B) Speaker
- C) Monitor
- D) Microphone

Answer: D) Microphone

Q41. Which of the following best defines a Computer?

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

Answer: C) An electronic device that processes data as per instructions to produce output

Q42. Which of the following describes the term 'Processing Unit' in a computer system?

- A) The keyboard that takes input
- B) The monitor that displays output
- C) The CPU, which processes data and executes instructions
- D) The printer that produces hard copy

Answer: C) The CPU, which processes data and executes instructions

Q43. Which of the following is a characteristic that distinguishes computers from humans in terms of processing?

- A) Creativity without any instructions
- B) Emotional decision-making
- C) Physical exhaustion
- D) High speed and accuracy in performing repetitive tasks

Answer: D) High speed and accuracy in performing repetitive tasks

Q44. Which of the following is an example of a computer application in the field of communication?

- A) Only face-to-face meetings
- B) Email and video calling
- C) Only landline calls
- D) Only physical mail delivery

Answer: B) Email and video calling

Q45. Which of the following describes the correct sequence of data processing?

- A) Output -> Process -> Input
- B) Input -> Process -> Output
- C) Output -> Input -> Process
- D) Process -> Output -> Input

Answer: B) Input -> Process -> Output

Q46. Which of the following is generally considered the fastest type of memory accessible to the CPU?

- A) Pen Drive
- B) Register/Cache Memory
- C) CD-ROM
- D) Hard Disk

Answer: B) Register/Cache Memory

Q47. Which of the following describes 'Firmware'?

- A) A type of monitor
- B) A type of temporary storage
- C) A type of printer
- D) Permanent software programmed into a hardware device's memory (e.g. BIOS)

Answer: D) Permanent software programmed into a hardware device's memory (e.g. BIOS)

Q48. Which of the following best describes the objective of learning 'Introduction to Computer & Basic Concepts'?

- A) Learning only physical repair of computers
- B) Learning only computer manufacturing
- C) Understanding computers, their components and applications
- D) Learning only computer sales

Answer: C) Understanding computers, their components and applications

Q49. Which of the following is an example of an IT gadget that combines input and output touch functionality?

- A) Printer only
- B) Touchscreen device (tablet/smartphone)
- C) Keyboard only
- D) Mouse only

Answer: B) Touchscreen device (tablet/smartphone)

Q50. Which of the following describes the term 'Peripheral Device'?

- A) Only internal components like RAM

- B) Only the operating system
- C) Only application software
- D) External devices connected to a computer such as printer, mouse and keyboard

Answer: D) External devices connected to a computer such as printer, mouse and keyboard

Q51. Which of the following best describes 'Concept of Hardware and Software' as covered in this module?

- A) Understanding only internet browsing
- B) Understanding only physical repair techniques
- C) Understanding only network cabling
- D) Understanding the physical components and the instructions that operate them

Answer: D) Understanding the physical components and the instructions that operate them

Q52. Which of the following is an example of a wearable IT gadget?

- A) Desktop Computer
- B) Scanner
- C) Printer
- D) Smartwatch

Answer: D) Smartwatch

Q53. Which of the following is the correct unit that comes after Gigabyte (GB)?

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

Answer: A) Terabyte (TB)

Q54. Which of the following device converts sound into digital signals for input?

- A) Microphone
- B) Monitor
- C) Printer
- D) Speaker

Answer: A) Microphone

Q55. A motherboard is used to?

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

Answer: B) Connect and hold all major computer components together

Q56. Which of the following storage device typically offers faster data access, SSD or HDD?

- A) SSD
- B) Floppy Disk
- C) HDD
- D) CD

Answer: A) SSD

Q57. A device driver is a type of?

- A) Systems Software
- B) Application Software
- C) Hardware
- D) Network Cable

Answer: A) Systems Software

Q58. Which of the following describes a Mobile App?

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

Answer: D) A software application designed to run on mobile/smart devices

Q59. The physical, touchable components of a computer system are collectively called?

- A) Firmware only
- B) Middleware
- C) Software
- D) Hardware

Answer: D) Hardware

Q60. A computer that fits on a desk and requires external monitor/keyboard is called?

- A) Tablet
- B) Desktop Computer
- C) Smartphone
- D) Smartwatch

Answer: B) Desktop Computer

Q61. Which of the following describes 'Bootting' a computer?

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

Answer: D) The process of starting up a computer and loading the operating system

Q62. A GPU is primarily responsible for?

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

Answer: C) Processing and rendering graphics/visuals

Q63. Which of the following describes the function of a power supply unit (PSU) in a computer?

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

Answer: C) Converts electrical power into usable form for computer components

Q64. Which of the following is an example of an optical storage device?

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

Answer: A) CD/DVD

Q65. Which of the following software category does a web browser belong to?

- A) Hardware
- B) Application Software
- C) Utility Software only
- D) Systems Software only

Answer: B) Application Software

Q66. Which of the following is the smallest addressable unit of memory in a computer, larger than a bit?

- A) Kilobyte
- B) Bit
- C) Byte
- D) Word

Answer: C) Byte

Q67. Which of the following term describes the speed at which a CPU processes instructions, measured in GHz?

- A) Storage Capacity
- B) Screen Resolution
- C) Clock Speed
- D) Battery Life

Answer: C) Clock Speed

Q68. Which of the following device allows a computer to connect physically to a network using a cable?

- A) Speaker
- B) Monitor
- C) Keyboard
- D) Network Interface Card (NIC)

Answer: D) Network Interface Card (NIC)

Q69. Which of the following best defines 'Firmware'?

- A) Permanent software programmed into a hardware device's memory
- B) A type of monitor
- C) A type of temporary storage
- D) A type of printer

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

Q70. Which of the following describes the term 'user interface'?

- A) Only the internal wiring of a computer
- B) The means by which a user interacts with a computer system
- C) Only the hard disk
- D) Only the RAM

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

Q71. Which of the following storage unit is larger: 1 GB or 1 MB?

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

Answer: D) 1 GB

Q72. Which of the following device is used to project computer output onto a large screen?

- A) Scanner
- B) Keyboard
- C) Projector
- D) Mouse

Answer: C) Projector

Q73. Which of the following best describes 'peripheral devices'?

- A) Only the operating system
- B) Only application software

C) External devices connected to a computer such as printer, mouse, keyboard

D) Only internal components like RAM

Answer: C) External devices connected to a computer such as printer, mouse, keyboard

Q74. Which of the following is the correct term for restarting a computer that is already switched on?

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

Answer: B) Warm Boot

Q75. Which of the following is the correct term for starting a computer that was completely switched off?

- A) Restart only
- B) Cold Boot
- C) Warm Boot
- D) Soft Boot only

Answer: B) Cold Boot

Q76. Which of the following is a common unit used to measure the resolution of a monitor?

- A) Hertz only
- B) Volts
- C) Bytes
- D) Pixels

Answer: D) Pixels

Q77. Which of the following is an example of a computer peripheral used for audio output?

- A) Keyboard
- B) Scanner
- C) Mouse
- D) Speaker

Answer: D) Speaker

Q78. Which of the following describes the correct relationship between data and information?

- A) Data and information are identical with no distinction
- B) Information is always unprocessed raw facts
- C) Data is always more meaningful than information
- D) Information is processed, meaningful data

Answer: D) Information is processed, meaningful data

Q79. Which of the following is the correct term for instructions written to perform a specific task on a computer?

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

Answer: A) Program/Software

Q80. Which of the following describes the primary purpose of an operating system regarding hardware and software?

- A) Replacing the need for any application software
- B) Acting as an intermediary managing hardware resources for application software
- C) Having no relationship with hardware or software
- D) Replacing the need for any hardware

Answer: B) Acting as an intermediary managing hardware resources for application software

Q81. Which of the following is an example of an input device that uses light to detect movement for cursor control?

- A) Speaker
- B) Optical Mouse
- C) Printer
- D) Monitor

Answer: B) Optical Mouse

Q82. Which of the following term refers to devices that can perform both input and output functions, like a touchscreen?

- A) I/O Device (Input/Output Device)
- B) Only Output Device
- C) Only Input Device
- D) Only Storage Device

Answer: A) I/O Device (Input/Output Device)

Q83. Which of the following describes the basic function of Computer Memory as covered in this module?

- A) Storing data and instructions needed for processing
- B) Only printing physical documents
- C) Only displaying visual output
- D) Only converting electrical signals to sound

Answer: A) Storing data and instructions needed for processing

Q84. Which of the following is an example of Application Software used specifically for accounting purposes?

- A) Linux
- B) Device Driver
- C) Tally
- D) Windows

Answer: C) Tally

Q85. Which of the following best represents the correct data processing cycle order?

- A) Processing, Storage, Input, Output
- B) Output, Processing, Storage, Input
- C) Input, Processing, Output, Storage
- D) Storage, Output, Input, Processing

Answer: C) Input, Processing, Output, Storage

Q86. Which of the following describes the term 'Programming Language'?

- A) A type of hardware component
- B) A type of monitor
- C) A formal language used to write instructions that a computer can execute
- D) A type of printer

Answer: C) A formal language used to write instructions that a computer can execute

Q87. Which of the following is an example of a high-level programming language?

- A) Assembly language is considered low-level
- B) Python
- C) Machine code is the lowest level
- D) Binary code is the lowest level

Answer: B) Python

Q88. Which of the following describes the primary characteristic of a computer that distinguishes it in performing repetitive tasks accurately?

- A) Emotional understanding of tasks
- B) Creativity without any given instructions
- C) Physical fatigue after repeated tasks
- D) Accuracy and consistency in repeated operations

Answer: D) Accuracy and consistency in repeated operations

Q89. Which of the following term describes a computer's ability to perform multiple tasks in a very short time?

- A) Versatility
- B) Diligence

- C) Speed
- D) Storage

Answer: C) Speed

Q90. Which of the following term describes a computer's capacity to perform a wide variety of different tasks?

- A) Storage alone refers to memory capacity
- B) Versatility
- C) Accuracy alone refers to error-free operation
- D) Speed alone refers to processing rate

Answer: B) Versatility

Q91. Which of the following term describes a computer's ability to perform tasks without getting tired, unlike humans?

- A) Versatility alone refers to task variety
- B) Diligence
- C) Storage alone refers to memory capacity
- D) Speed alone refers to processing rate

Answer: B) Diligence

Q92. Which of the following describes 'Concept of Data Processing' as covered in this chapter?

- A) Only the printing of data
- B) Only the deletion of data
- C) Only the storage of data with no transformation
- D) The conversion of raw data into meaningful, organized information through defined steps

Answer: D) The conversion of raw data into meaningful, organized information through defined steps

Q93. Which of the following is an example of a device used to capture live video for communication purposes?

- A) Monitor displays output, not video capture
- B) Speaker outputs audio, not video capture
- C) Webcam
- D) Printer outputs documents, not video capture

Answer: C) Webcam

Q94. Which of the following best explains the term 'Computer System' as covered in this module?

- A) An integrated combination of hardware, software, and data working together to process information
- B) Only the software installed on a computer
- C) Only the internet connection of a computer
- D) Only the physical case of the computer

Answer: A) An integrated combination of hardware, software, and data working together to process information

Q95. Which of the following is a basic application of computers in the field of education?

- A) E-learning and digital classrooms
- B) Only handwritten assignments with no digital tools
- C) Only oral examinations with no technology
- D) Only physical blackboard teaching

Answer: A) E-learning and digital classrooms

Q96. Which of the following is a basic application of computers in the field of healthcare?

- A) Only manual diagnosis with no technology
- B) Maintaining electronic health records and diagnostic tools
- C) Only paper-based patient records
- D) Only physical medicine dispensing with no computer involvement

Answer: B) Maintaining electronic health records and diagnostic tools

Q97. Which of the following describes 'Other Input Devices' apart from keyboard and mouse, as mentioned in the syllabus?

- A) Only the printer is considered another input device
- B) Only the speaker is considered another input device
- C) Only the monitor is considered another input device
- D) Devices like scanner, microphone, joystick, and webcam

Answer: D) Devices like scanner, microphone, joystick, and webcam

Q98. Which of the following describes 'Other Output Devices' apart from the VDU, as mentioned in the syllabus?

- A) Only the keyboard is considered another output device
- B) Only the scanner is considered another output device
- C) Only the mouse is considered another output device
- D) Devices like printer, speaker, and projector

Answer: D) Devices like printer, speaker, and projector

Q99. Which of the following is the correct term describing the physical case that houses the CPU and other core hardware components?

- A) Speaker is an output device, not the case
- B) Monitor displays output, it is not the case
- C) Cabinet/Computer Case
- D) Keyboard is an input device, not the case

Answer: C) Cabinet/Computer Case

Q100. Which of the following describes an advantage of using computers in Basic Applications, such as data processing?

- A) Increased manual labor requirements
- B) Reduced accuracy compared to manual methods always
- C) No improvement over manual methods
- D) Increased speed, accuracy and efficiency compared to manual methods

Answer: D) Increased speed, accuracy and efficiency compared to manual methods

Q101. Which of the following term describes the total set of programs, procedures and documentation associated with a computer system?

- A) Peripheral refers to external devices
- B) Hardware refers to physical parts
- C) Software
- D) Firmware refers to permanent embedded instructions specifically

Answer: C) Software