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# COMPUTER HARDWARE



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## MCO Questions from Computer Hardware Concept

1. The stuff would likely break if you threw it out of a fifth-story window is
  - a. Software
  - b. Firmware
  - c. Hardware
  - d. All of above
2. Which of the following is not a hardware?
  - a. Network Switch
  - b. Cisco Router
  - c. Firewall
  - d. Virtual Router
3. A computer without software is
  - a. like a book of blank pages
  - b. most power to perform tasks quicker
  - c. complete human being
  - d. all of above
4. Which of the following hardware you usually can't find inside a CPU Casing?
  - a. Power Supply box
  - b. Video card
  - c. Video display unit
  - d. Graphics processor
5. Which of the following is not a peripheral hardware device in a computer system?
  - a. Keyboard
  - b. Optical Drive
  - c. HDD
  - d. Printer
6. Identify the network hardware of a home network
  - a. Access Point
  - b. NIC Card
  - c. Analog Modem
  - d. FireWire
7. Which of the following is not a network hardware?
  - a. Network Switch
  - b. Bridge
  - c. Print Server
  - d. Network Interface Card
8. A unit of a computer system that brings data and instructions into the computer
  - a. Input Devices
  - b. Encoders
  - c. Processing Unit Devices
  - d. All of above
9. Identify the odd one
  - a. Tracker ball
  - b. Microphone
  - c. Speaker
  - d. Sensors
10. Graphic Tablet is an
  - a. Input Unit Device
  - b. Output Unit Device
  - c. Video Processing Device
  - d. None of above
11. The process of capturing or collecting raw data, at the beginning of computer based information system, in to a form that is usable by the computer for processing.
  - a. Input
  - b. Gather
  - c. Acquire
  - d. Process
12. In any information system if the data is processed right away it is called
  - a. Batch processing
  - b. Online processing
  - c. Offline processing
  - d. Automatic processing
13. The two kinds of input devices – direct input and indirect input devices are classified based on
  - a. Whether the data conversion is involved or not
  - b. Whether the data is acquired from a device directly connected to CPU or through network
  - c. Whether the data is directly input or retrieved from disk
  - d. Whether the data is input with or without human intervention
14. In which input method the data is already in machine readable form?
  - a. Direct input method
  - b. Indirect input method
  - c. Stored input method
  - d. Network input method
15. In which input method the data should be converted into machine readable form so that a computer can process it?
  - a. Direct input method
  - b. Indirect input method
  - c. Network input method
  - d. Stored input method
16. A computer key board is a sophisticated electromechanical component designed to create specialized electronic codes when a key is pressed. What is that electronic codes called?
  - a. Scan code
  - b. Unicode
  - c. ASCII
  - d. EBCDIC
17. Keyboard is an example of
  - a. Direct input method
  - b. Indirect input method
  - c. Network input method
  - d. Stored input method
18. In a keyboard, the arrow keys, Home, End, PageUp, PageDown keys are known as
  - a. Standard keys
  - b. Function keys
  - c. Navigation keys
  - d. Special purpose keys

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19. In a computer keyboard the Alt, Ctrl, Shift, Del & Insert keys are known as

- a. Standard keys
- b. Function keys
- c. Navigation keys
- d. Special purpose keys

20. Devorak, Colemark, JCUKEN are some keyboard layouts for which scripts?

- a. Latin Scripts
- b. English Scripts
- c. Complex Scripts
- d. None of above

**Correct Answers**

1-c 2-d 3-a 4-c 5-c 6-a 7-d 8-a 9-c 10-a  
11-a 12-b 13-a 14-a 15-b 16-a 17-b 18-c 19-d 20-a

21. Which is the most common computer keyboard layout?

- a. QWERTY
- b. JCUKEN
- c. Devorak
- d. Colemark

22. QWERTY keyboard layout was originally designed

- a. To improve the typing speed
- b. To make typing more efficient
- c. To make typing harder and inefficient
- d. To improve the typing accuracy

23. Which of the following describes the types of keyboards?

- a. QWERTY, Devorak, Colemark, JCUKEN
- b. XT, AT, Enhanced, Windows
- c. Both of above
- d. None of above

24. Which of the following keyboard have 83 keys?

- a. XT keyboards
- b. AT keyboards
- c. Enhanced keyboards
- d. Windows keyboards

25. Which of the following type of keyboard introduced the SysRq (System Request) key?

- a. XT keyboards
- b. AT keyboards
- c. Enhanced keyboards
- d. Windows keyboards

26. Which type of computer keyboard contain 101 to 106 keys?

- a. XT keyboards
- b. AT keyboards
- c. Enhanced keyboards
- d. Windows keyboards

27. Which key was added in Windows keyboard?

- a. SysRq
- b. CapsLock
- c. Menu key
- d. None of above

28. The most common input device to control the movement of the cursor on the screen?

- a. Arrow keys
- b. Mouse
- c. Joysticks
- d. Plotter

29. Which of the following type of mouse contain a ball on its underside and sensors to detect direction of ball movement?

- a. Mechanical mouse
- b. Opto-mechanical mouse
- c. Optical mouse
- d. None of above

30. What is the difference between mechanical mouse and opto-mechanical mouse?

- a. Mechanical mouse is connected with wire but opto-mechanical mouse are wireless
- b. Mechanical mouse has a ball on its underside but opto-mechanical don't have
- c. Mechanical mouse has only 2 buttons while opto-mechanical mouse have 3 buttons.
- d. All of the above

31. Cordless mouse or wireless mouse connects to the computer through

- a. Infrared light
- b. Radio wave
- c. Both of above
- d. None of above

32. What is the device that captures images from photographic prints for computer editing and display?

- a. Scanner
- b. Printer
- c. Camera
- d. All of above

33. Which of the following is not a type of scanner?

- a. Hand held scanner
- b. Feed-in scanner
- c. Flatbed scanner
- d. None of above

34. Which of the following is a scanning technology?

- a. OCR
- b. OMR
- c. BCR
- d. All of above

35. The scanning technology that allows to read the check boxes affixed in predefined space is

- a. OCR
- b. OMR
- c. BCR

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d. None of above

36. The scanning technology that makes it possible to recognize handwritten data when there is usually space among characters is

- a. OMR
- b. ICR
- c. MICR
- d. OCR

37. We use following scanner to recognize the printed and typed texts

- a. OMR
- b. OCR
- c. MICR
- d. None of above

38. The scanner used to verify the signatures written by magnetic ink in banks is

- a. OMR
- b. OCR
- c. MICR
- d. None of above

39. A unit that receives information from CPU and converts into suitable human readable form is

- a. Input Unit
- b. Output Unit
- c. Processing Unit
- d. Language Translator

40. A computer monitor is also called a

- a. VDT
- b. VDU
- c. CRT
- d. None of above

**Correct Answers**

21-a 22-c 23-b 24-a 25-b 26-c 27-c 28-b 29-a 30-b

31-c 32-a 33-d 34-d 35-b 36-b 37-b 38-c 39-b 40-b

41. Text and images are displayed on monitor by individual dots called

- a. Cursor
- b. Pixels
- c. CRT
- d. LED

42. Specialized vacuum tube in which images are produced when an electron beam strikes a phosphorescent surface is

- a. CRT
- b. LED
- c. LCD
- d. All of above

43. The full form of EGA is

- a. Enhanced Graphics Adapter
- b. Extended Graphics Adapter
- c. Enhanced Graphics Array

d. Extended Graphics Array

44. Which of the following technology can't be used to build flat panel display monitors?

- a. LCDs
- b. Gas Plasma Display
- c. CRT
- d. LED

45. Which of the following printer can print a single character at a time?

- a. Serial printer
- b. Line printer
- c. Page printer
- d. Impact printer

46. Which of the following printer is suitable to print multiple carbon copies at once?

- a. Impact Printer
- b. Laser Printer
- c. Inkjet Printer
- d. All of above

47. Identify the printer that uses a kind of hub having set

of spokes at the margin of the hub. When the required character is aligned to the print hammer, the character is then struck into the ribbon to produce character on paper.

- a. Inkjet printer
- b. Dot matrix printer
- c. Line printer
- d. Daisy wheel printer

48. The printing technology in which one or more color of ink is sprayed at high speed onto the paper is

- a. Laser Printer
- b. Ink Jet Printer
- c. Dot Matrix Printer
- d. Chain Printer

49. Which company introduced the first desktop laser printer called LaserJet?

- a. Compaq
- b. Hewlett-Packard
- c. Epson
- d. Cannon

50. A special-purpose output device that draws images with ink pens is

- a. Inkjet Printers
- b. Laser Printers
- c. Plotter
- d. Light Pen

51. Which of the following is not a type of plotter

- a. Drum plotter
- b. Flatbed plotter
- c. Hand-held plotter
- d. None of above

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52. What is there in system unit that holds a microprocessor chip, memory chips and expansion slots?
- Slots
  - Ports
  - Mother Board
  - Daughter Board
53. Motherboard contains circuitry that connects microprocessor with memory and other parts. What's the circuitry called?
- Bus
  - Traffic
  - Data Path
  - None of above
54. Which of the following is not there in motherboard?
- System Clock
  - Buses
  - Ports
  - VDT
55. The expansion slots or sockets accept additional expansion cards often known as
- Motherboard
  - Daughterboard
  - Chips
  - None of above
56. Motorola and Intel are well-known companies to produce
- Motherboards
  - Daughterboards
  - Microprocessors
  - None of above
57. Intel Pentium chip uses
- CISC design
  - RISC design
  - Both of above
  - None of above
58. RAM & ROM are classified based on
- Data storage is temporary or permanent
  - Data access is random or sequential
  - Data retrieval is quicker or slower
  - Data removal is automatic or manual
59. Which of the following memory is most volatile?
- SRAM
  - DRAM
  - CMOS RAM
  - EEPROM
60. Memory chips are mounted on a circuit board usually known as
- Memory Expansion Card
  - Memory Slot
  - Memory Bank
  - Memory Module

**Correct Answers**

41-b 42-a 43-a 44-c 45-a 46-a 47-d 48-b 49-b 50-c  
51-c 52-c 53-a 54-d 55-b 56-c 57-a 58-a 59-b 60-d

61. A kind of memory chip that stores data and instructions permanently is
- ROM
  - SRAM
  - EEPROM
  - RAM
62. Which of the following ROM is most convenient to rewrite?
- EPROM
  - EEPROM
  - EAPROM
  - DRAM
63. Which of the following port is used to connect DB-25 pin Modems or Scanners?
- Serial Ports
  - Parallel Port
  - PS/2 Port
  - USB Port
64. A disk is divided into several concentric circles called
- Track
  - Sector
  - Cylinder
  - Cluster
65. The time taken to move an access arm to a certain track on a disk is
- Seek Time
  - Head Switching Time
  - Search Time
  - Data Transfer time
66. The rotational delay time or latency time is also known as
- Seek Time
  - Head Switching Time
  - Search Time
  - Data Transfer time
67. Which of the following is not a magnetic storage medium?
- Floppy Disk
  - Hard Disk
  - Digital Versatile Disks
  - Cassettes and Cartridges
68. Which of the following term do not refer to an expansion card?

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- a. Controller Cards  
 b. Adapters  
 c. Daughterboard  
 d. Motherboard
69. Which of the following port is better suitable to support high speed graphics and other video input?  
 a. VGA Port  
 b. SVGA Port  
 c. AGP Port  
 d. PS/2 Port
70. Which device in microprocessor stores the data to be processed?  
 a. ROM  
 b. RAM  
 c. Registers  
 d. ALU
71. Which of the following is not an optical storage medium?  
 a. CDs  
 b. DVDs  
 c. Blu Ray  
 d. Memory Sticks
72. A standard CD ROM can hold data up to  
 a. 1.44 MB  
 b. 650 MB  
 c. 2 GB  
 d. 1 TB
73. IBM introduced the first 8" floppy disk in 1971 which could store  
 a. 100 KB  
 b. 164 KB  
 c. 512 KB  
 d. 1.44 MB
74. The storage capacity of a floppy disk is measured in  
 a. KB  
 b. MB  
 c. GB  
 d. TB
75. The storage capacity of a hard disk is measured in  
 a. KB  
 b. MB  
 c. GB  
 d. TB
76. What is the suitable output device for CAE, CAD and CAM?  
 a. Dot Matrix Printers  
 b. Laser Printers  
 c. Plotters  
 d. Projectors
77. Which of the following printer produces most noise?  
 a. Dot Matrix Printer  
 b. Inkjet Printer  
 c. Laser Printer  
 d. None of above
78. To record and produce sound in a computer system you need  
 a. Microphone  
 b. Speakers  
 c. Sound card  
 d. All of above
79. A cluster of red, green and blue diodes is driven together to form a full-color pixel in a  
 a. LCD Monitor  
 b. LED Monitor  
 c. CRT Monitor  
 d. Monochrome Monitor
80. The temporary output of a computer system is called  
 a. Hardcopy output  
 b. Softcopy output  
 c. Computer Printout  
 d. None of above

**Correct Answers**

61-a 62-c 63-a 64-a 65-a 66-c 67-c 68-c 69-c 70-c  
 71-d 72-b 73-a 74-b 75-c 76-c 77-a 78-d 79-b 80-b

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