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Fundamentals of Computer MCQ Questions

Questions

EXAM DATE: - 18-10-23

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. The term gigabyte refers to

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

11. Computer is free from tiresome and boardoom. 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. 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

20. Which is considered a direct entry input device?

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

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) 10th of a seconds
- C) 1000th of a seconds
- D) 10000th 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. Instruction in computer languages consists of

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

30. Which is used for manufacturing chips?

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

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) Bredboard
- 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. BCD is

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