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1) Components that provide internal storage to the CPU are _____

- a) Registers
- b) Program Counters
- c) Controllers
- d) Internal chips

2) Saving data and instructions to make them readily available is the job of _____

- a) Storage Unit
- b) Cache Unit
- c) Input Unit
- d) Output Unit

3) The two basic types of memory in a computer are _____

- a) Primary and major
- b) Primary and Secondary
- c) Minor and Major
- d) Main and virtual

4) Which of the following is used to hold running program instructions?

- a) Primary Storage
- b) Virtual Storage
- c) Internal Storage
- d) Minor Devices

5) Which of the following is non-volatile storage?

- a) Backup
- b) Secondary
- c) Primary
- d) Cache

6) Which of the following is used in main memory?

- a) SRAM
- b) DRAM
- c) PRAM
- d) DDR

7) Which of the following are types of ROMs?

- a) SROM & DROM
- b) PROM & EPROM

c) Only one type there is no further classification
d) PROM & EROM

8) RAID stands for _____

- a) Redundant array of independent disks
- b) Redundant array of individual disks
- c) Reusable Array of independent disks
- d) Reusable array of individual disks

9) A non-erasable disk that stores digitized audio information is _____

- a) CD
- b) CD-ROM
- c) DVD-R
- d) DVD-RW

10) The first practical form of Random Access Memory was the _____

- a) SSEM
- b) Cathode Ray Tube
- c) William's Tube
- d) Thomas's Tube

11) Which of the following is not a primary memory?

- A) RAM
- B) ROM
- C) Optical memory
- D) Cache

12) Which of the following is not a secondary memory?

- A) Magnetic memory
- B) Pen drive
- C) Flash memory
- D) ROM

13) Which memory is an example of semiconductor memory and is a volatile memory?

- A) RAM
- B) ROM
- C) Cache
- D) Flash memory





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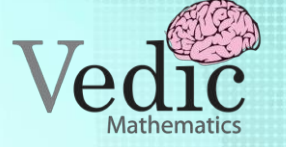
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14) SRAM (static RAM) is a type of RAM and is made of?

- A) Capacitors
- B) Transistors
- C) Flip Flops
- D) None of the above

15) Which memory is permanent and is used for storing the BIOS Instruction at the time of manufacturing to start the computer?

- A) RAM
- B) ROM
- C) Cache
- D) All of the above

16) Which memory is non- volatile and may be written only once

- A) RAM
- B) EPROM
- C) EEPROM
- D) PROM

17) Loading operating system onto RAM is called

- A) Printing
- B) Saving
- C) Booting
- D) Starting

18) Which of the following memory is used for reduce the average access time of CPU by provide the rapid access data or frequently used data by the user

- A) Niche
- B) cellar
- C) web space
- D) Cache

19) One nibble is equal to how many bits?

- A) 4 bits
- B) 8 bits
- C) 12 bits
- D) 16 bits

20) Hard disk files are considered which storage

- A) Flash
- B) Permanent
- C) Non- permanent
- D) Temporary

21) The most advanced form of ROM is?

- A) Cache memory
- B) PROM
- C) EEPROM
- D) RAM

22) A Register is

- A) Set of paper tapes and cards put in a file
- B) Set of capacitor used to register input instructions in a digital computer
- C) Temporary storage unit within the CPU having dedicated or general purpose use
- D) Part of the auxiliary memory

23) Virtual memory is typically located

- A) On the hard drive
- B) In the CPU
- C) In a flash card
- D) On a floppy disk

24) Which of the following memories are slow and needs refresh

- A) SRAM
- B) DRAM
- C) ROM
- D) None of the above

25) Which storage device is mounted on reels

- A) Floppy disk
- B) Magnetic disk
- C) Hard disk
- D) CD-ROM

26) Pen drive and memory card are considered _____ storage

- A) Flash memory





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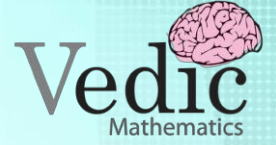
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- B) Volatile
- C) Temporary
- D) Non- permanent

27) Which of the following memories has the shortest access time?

- A) Cache memory
- B) Magnetic bubble memory
- C) Magnetic core memory
- D) None of the above

28) The clock rate of A processor is measured in

- A) Milli seconds
- B) Microhertz
- C) Megabytes or giga bytes
- D) Megahertz Or Gigahertz

29) Which of the following is the process of dividing the disk into tracks and sectors

- A) Formatting
- B) Tracking
- C) Allotting
- D) None of the above

30) Which of the following portable storage devices is likely to have the least storage capacity?

- A) Zip disk
- B) Floppy disk
- C) CD
- D) DVD

31) Which memory uses a capacitor in its memory cell?

- A) SRAM
- B) ROM
- C) PROM
- D) DRAM

32) Which is faster memory

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

33) Accumulator is a ____ that store intermediate result

- A) Hard wire unit
- B) Register
- C) Sequential circuit
- D) Finite set machine

34) What is the full form of CD-R?

- A) Carried Disk Readable
- B) Compact Disk Recordable
- C) Carried Data Recordable
- D) Compact Disk Readable

35) Semiconductor memory is

- A) RAM.
- B) Hard disk
- C) Optical Disk
- D) All of the above

36) Which of the following is a type of computer memory that retains its contents even when the power is turned off?

- a) RAM
- b) ROM
- c) Cache
- d) Virtual memory

37) What does RAM stand for in computer memory?

- a) Random Access Memory
- b) Read-Only Memory
- c) Random Allocation Memory
- d) Read and Modify

38) Which of the following memory types is the fastest in terms of access speed?

- a) Cache
- b) Virtual memory
- c) Hard disk drive
- d) Optical disc





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39) Which memory unit is responsible for temporarily storing data and instructions during the execution of a program?

- a) RAM
- b) ROM
- c) Hard disk
- d) Flash memory

40) What is the maximum amount of memory that can be addressed by a 32-bit operating system?

- a) 2 GB
- b) 4 GB
- c) 8 GB
- d) 16 GB

41) Which memory technology allows for non-volatile storage of data even without power supply?

- a) RAM
- b) Cache
- c) SSD
- d) Magnetic tape

42) Which of the following is an example of secondary storage memory?

- a) RAM
- b) ROM
- c) Flash drive
- d) CPU cache

43) Which memory unit has the largest storage capacity?

- a) Cache
- b) Hard disk drive
- c) RAM
- d) DVD

44) Which type of memory is used to store the computer's BIOS settings?

- a) RAM
- b) ROM
- c) Cache
- d) Virtual memory

45) What is the purpose of virtual memory in a computer system?

- a) To provide additional RAM for faster processing
- b) To store temporary internet files
- c) To create virtual machines
- d) To store the operating system files

