

COMPUTER

Computer Memory Worksheet for MAH MCA CET 2025

For students preparing for MCA Entrance Exam

- Which among the following memories is used in Digital camera?
 - Virtual memory
 - Flash memory
 - Main memory
 - Cache memory
- Which of the following is used for very high-speed searching applications?
 - Flash Memory
 - Content-addressable Memory
 - Dynamic Random Access Memory
 - Static Random Access Memory
- In IT, associative memory is called as
 - Virtual memory
 - Cache memory
 - Content addressable memory
 - Main memory
- Cache memory works on the principle of ____
 - Locality of data
 - Locality of reference
 - Locality of Memory
 - Locality of Memory & reference
- Main memory is also known as
 - Auxiliary memory
 - Primary memory
 - Secondary memory
 - None of the above
- Which of the following is a Permanent Memory in the computer?
 - RAM
 - ROM
 - CPU
 - CD ROM
- Which of the following is used in main memory?
 - DDR
 - DRAM
 - SRAM
 - PRAM
- Information stored in RAM need to be
 - Check
 - Refresh periodically
 - Modify
 - Detecting errors
- What kind of memory is required to save BIOS settings?
 - DRAM
 - SRAM
 - CMOS
 - Flash
- What does DRAM stand for?
 - Data Random Access Memory
 - Dynamic Random Access Memory
 - Dual Random Access Memory
 - Device Random Access Memory
- What does "RAM" stand for?
 - Read-Access Memory
 - Read-Ahead Memory
 - Random Access Memory
 - Rapid Access Memory
- Which memory is non-volatile and used to store firmware?
 - RAM
 - ROM
 - Cache
 - Register

13. Dynamic RAM (DRAM) consumes ____ power and operates ____ compared to Static RAM (SRAM):
- more, faster
 - more, slower
 - less, slower
 - less, faster
14. Cache memory serves as an intermediary between which of the following components?
- CPU and RAM
 - RAM and ROM
 - CPU and hard disk
 - All of these
15. Which of the following provides more memory addresses than are physically available?
- Virtual memory
 - System software
 - Application software
 - Vertical memory
16. Which of the following represents the size of memory?
- Storage capacity
 - Access mode
 - Access time
 - Permanent storage
17. Which type of memory is faster than RAM but slower than CPU registers?
- Virtual Memory
 - Cache Memory
 - SSD
 - Hard Disk
18. What is the purpose of a memory hierarchy in a computer system?
- To maximize storage costs
 - To reduce data access time
 - To increase data loss risk
 - To make memory management difficult
19. Which type of memory is used for graphics and display purposes?
- Cache
 - RAM
 - VRAM
 - ROM
20. Which device primarily uses optical discs to store data?
- SSD
 - Blue-ray
 - Flash drive
 - Hard drive
21. Which of the following is not a storage device?
- Floppy disk
 - DVD
 - Printer
 - Hard Disk
22. Which of the following is not a type of ROM?
- PROM
 - EPROM
 - EEPROM
 - EDPROM
23. Which of the following is the lowest in the computer memory hierarchy?
- Cache
 - RAM
 - Secondary memory
 - CPU registers
24. Which of the following is used to transfer data between the processor (CPU) and memory?
- Cache
 - TLB
 - Buffer
 - Registers
25. The memory implemented using the semiconductor chips is _____
- Cache
 - Main
 - Secondary
 - Registers
26. What is the location of the internal registers of CPU?
- Internal
 - On-chip
 - External
 - Motherboard
27. Which of the following is independent of the address bus?

- A. Secondary memory
- B. Main memory
- C. Onboard memory
- D. Cache memory

28. MAR stands for _____

- A. Memory address register
- B. Main address register
- C. Main accessible register
- D. Memory accessible register

29. How many types of RAM are available?

- A. 4
- B. 3
- C. 2
- D. 5

30. In the context of memory size in computer data storage, one gigabyte is equal to how many megabytes?

- A. 32 MB
- B. 1012 MB
- C. 64 MB
- D. 1024 MB

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Answer Key

1. B	2. B	3. C	4. B	5. B	6. B	7. B	8. B	9. C	10. B
11. C	12. B	13. B	14. A	15. A	16. A	17. B	18. B	19. C	20. B
21. C	22. D	23. C	24. D	25. B	26. B	27. A	28. A	29. C	30. D

