

Week 2

MCQs

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1. What is the best way to determine the total capacity and specific type of RAM your system can handle?
 - A. Check the motherboard book.
 - B. Open the case and inspect the RAM.
 - C. Check the Device Manager.
 - D. Check the System utility in the Control Panel.
2. Which of the following terms are measures of CPU speed?
 - A. Megahertz and gigahertz
 - B. Megabytes and gigabytes
 - C. Megahertz and gigabytes
 - D. Frontside bus, backside bus
3. Which feature enables a single-core CPU to function like two CPUs?
 - A. Hyper-Threading
 - B. SpeedStep
 - C. Virtualization
 - D. x64
4. Where does Windows store device drivers?
 - A. Computer
 - B. Hardware
 - C. Registry
 - D. Drivers and Settings
5. Which computer component contains all the circuitry necessary for all components or devices to communicate with each other?
 - A. Motherboard
 - B. Adapter card
 - C. Hard drive
 - D. Expansion bus
6. What two devices are commonly used to cool components within a PC? (Choose two.)
 - A. Fans

- B. Compressed air
- C. Freon
- D. Heat Sinks

7. What should you keep in mind when testing DC connectors?
- A. DC has polarity. The red lead should always touch the hot wire; the black lead should touch a ground wire.
 - B. DC has polarity. The red lead should always touch the ground wire; the black lead should always touch the hot wire.
 - C. DC has no polarity, so you can touch the red lead to either hot or ground.
 - D. DC has no polarity, so you can touch the black lead to either hot or neutral but not ground.
8. Which technique enhances the CPU's performance by executing multiple pieces of code simultaneously on each pipeline?
- A. Throttling
 - B. Hyper threading
 - C. Overclocking
 - D. Defragmentation
9. Which of the following memory types has the smallest form factor?
- A. RIMM
 - B. DIMM
 - C. MicroDIMM
 - D. SODIMM
10. Which of the following socket supports Core i3 processor?
- A. LGA 775
 - B. LGA 1156
 - C. LGA 1366
 - D. PGA 478
11. Which tool would you use to test a 24-pin ATX 12v power connector?
- A. Torx wrench
 - B. Multimeter
 - C. Receptacle tester
 - D. Tone and probe kit
12. Which function is performed by the external power supply of a laptop?
- A. Increases voltage
 - B. Stores power
 - C. Converts DC power to AC power
 - D. Converts AC power to DC power

13. Which of the following memory has the shortest access time?
- A. External Memory
 - B. Register
 - C. Virtual Memory
 - D. Cache Memory
14. What type of memory is not usually found on a motherboard?
- A. CMOS memory
 - B. L1 Cache
 - C. L2 Cache
 - D. DIMM
15. An array of disks is more likely to fail compared to a single disk. How is it that RAID arrays still manage to provide more data protection compared to a single disk?
- A. Using either mirroring or striping
 - B. Using either mirroring or parity
 - C. Using better quality disks
 - D. Using dedicated hardware
16. Which packing is used for DDR SDRAM memory?
- A. DIP
 - B. SIMM
 - C. DIMM
 - D. RIMM
17. What is the official name for the IDE/ EIDE family of drive interfaces?
- A. SCSI
 - B. ATA
 - C. SATA
 - D. TAT
18. CMOS stands for _____.
- A. Complementary Metal-Oxide Semiconductor
 - B. Co-Management of Operating System
 - C. Configuration Management and Option Semiconductor
 - D. Configuration Memory Option System
19. Which type of memory cannot be upgraded without replacing a CPU?
- A. RAM
 - B. L1 cache
 - C. L2 cache

D. None of the above

20. Which of the following hard drives has the best shock resistance?

- A. IDE
- B. NAS
- C. SATA
- D. SSD

21. Which device protects computing devices from power dips and blackouts?

- A. GPS
- B. Surge suppressor
- C. Surge protector
- D. UPS

22. What type of memory is not usually found on a motherboard?

- A. CMOS memory
- B. L1 Cache
- C. L2 Cache
- D. DIMM

23. What companies dominate the chipset market? (Select two.)

- A. AMD
- B. Intel
- C. NVIDIA
- D. SiS

Answer:

- 1. A
- 2. A
- 3. A
- 4. C
- 5. A
- 6. A,D
- 7. A
- 8. B
- 9. C
- 10. B
- 11. B
- 12. D

13.B
14.B
15.A
16.C
17.B
18.A
19.B
20.D
21.D
22.B
23.A,B