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**Digital Literacy I: Fundamentals**  
*Unit 5 Processing, Memory, Storage*  
**UNIT EXAM**

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1. For long-term storage, files are saved to the:
  - a. **Hard disk drive**
  - b. Random Access Memory
  - c. Read Only Memory
  - d. Central Processing Unit
  
2. Which of the following is NOT a real storage device
  - a. Hard disk drive
  - b. Solid state drive
  - c. **Fluid state drive**
  - d. USB drive
  
3. Hard drive speed is measured as:
  - a. **Revolutions per minute**
  - b. Bytes per minute
  - c. Miles per hour
  - d. Signals per second
  
4. The benefit of a faster hard drive is:
  - a. **Load programs and files faster**
  - b. Connect to the Internet faster
  - c. Type on the keyboard faster
  - d. All of the above
  
5. Without a storage device, a computer is considered:
  - a. An empty box
  - b. **A dumb terminal**
  - c. A smart terminal
  - d. A workstation



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6. Which of the following are storage devices?
  - a. Magnetic hard drives and solid state drives
  - b. Floppy disks, CDs, and DVDs
  - c. Thumb-drive and SD card
  - d. **All of the above**
  
7. The inside of a magnetic hard drive looks and works like a:
  - a. **Record player**
  - b. Cassette tape player
  - c. Football player
  - d. MP3 player
  
8. A thumb-drive is also called a
  - a. Flash drive
  - b. Memory stick
  - c. Jump drive
  - d. **All of the above**
  
9. Thumb drives are inserted into computers via:
  - a. **USB port**
  - b. Thumb-print port
  - c. Hard drive port
  - d. HDMI port
  
10. The inside of a thumb drive looks like a
  - a. A cassette or reel-to-reel tape
  - b. **Circuit board or memory chip**
  - c. Small keyboard and number pad
  - d. A large finger nail



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11. Which of the following are true?
- A thumb drive uses flash technology to store data
  - An SSD drive uses flash technology to store data
  - The correct name for a flash drive is “thumb drive”
  - All of the above**
12. To safely remove a thumb drive, you should \_\_\_\_\_ before pulling the drive from the USB port
- Eject the drive electronically**
  - Flip the USB safety switch
  - Disconnect from the Internet
  - Run a virus scan
13. When comparing solid-state drives (SSD) to hard-disk drives (HDD), which of the following is NOT true?
- SSD is faster and more reliable than a HDD
  - SSD is cheaper (lower price per GB) than a HDD**
  - SSD is physically smaller and uses less power than a HDD
  - SSD make less noise and heat than a HDD
14. Virtual Memory is:
- Hard drive space used as memory when RAM is full**
  - Extra memory that can be access from the Cloud
  - Reserve memory that is stored in the mouse
  - High performance memory for virtual reality games
15. What is the purpose of the Basic Input/Output System (BIOS)?
- Regulates signals and instructions for the CPU**
  - Provides ports to insert input or output peripherals
  - Stores and retrieves files from the hard drive
  - None of the above



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16. The CPU is considered the \_\_\_\_\_ of the whole computer
- Heart
  - Soul
  - Brain**
  - Arms
17. On average, a CPU processes \_\_\_\_\_ of instructions per second
- Hundreds
  - Thousands
  - Millions
  - Billions**
18. CPU “instructions” may include:
- Moving the mouse pointer around the screen
  - Running a clock widget on the desktop
  - Managing files on the computer
  - All of the above**
19. Computer instructions are stored in memory and processed as:
- Ones and zeros, called “bits”**
  - Human-readable programming code
  - Encrypted programming code
  - None of the above
20. From where does the CPU get instructions to carry-out a task?
- Memory**
  - Hard drive
  - Keyboard
  - Power supply





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21. A computer's internal hardware such as the CPU, RAM, and hard drive are connected by the:
- Father Board
  - Connection Board
  - Mother Board**
  - Hardware Board
22. A heat sink is:
- A device to cool the CPU**
  - A component of the computer's cooling fan
  - A device to detect body temperature for touch screens
  - A container where heat is poured for later use
23. RAM is an acronym for:
- Read and Memorize
  - Random Access Memory**
  - Randomize and Memorize
  - Read and Access Memory
24. RAM memory is considered volatile because:
- The chips frequently crack inside the computer
  - The memory is erased when the computer is shut down**
  - RAM memory is NOT volatile
  - The data may attack other types of memory
25. On a desktop computer, expansion slots are used to:
- Add or upgrade hardware components**
  - Increase the size of the computer case
  - Add more memory or hard drive space
  - All of the above



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26. Which of the following is NOT a type of expansion card?
- a. Video card
  - b. Sound card
  - c. Network card
  - d. All of the above are expansion cards**
27. “CPU” is an acronym for:
- a. Computer Processing Unit
  - b. Central Processing Unit**
  - c. Central Peripheral Unit
  - d. None of the above
28. The two main components of a Central Processing Unit are:
- a. The arithmetic logic unit and the control unit**
  - b. The central unit and the processing unit
  - c. The main power unit and the backup-power unit
  - d. The digital unit and the analog unit
29. “Clock speed” is:
- a. How fast the CPU processes instructions**
  - b. How fast a user types or sends data to the CPU
  - c. How fast the second hand moves on the clock widget
  - d. How fast web pages are downloaded to the hard drive
30. A processor’s speed is measured in:
- a. Megahertz (MHz) and Gigahertz (GHz)**
  - b. Megabits (Mb) and Gigabits (Gb)
  - c. Megabytes (MB) and Gigabytes (GB)
  - d. All of the above





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31. Two well-known CPU manufacturers are:
- Microsoft and Apple
  - Google and Yahoo
  - Intel and AMD**
  - Dell and IBM
32. Before opening the computer and touching internal parts, you should:
- Ground yourself
  - Unplug the power cord
  - Disconnect peripherals
  - All of the above**
33. RAM is measured in:
- Megahertz (MHz) and Gigahertz (GHz)
  - Megabits (Mb) and Gigabits (Gb)
  - Megabytes (MB) and Gigabytes (GB)**
  - All of the above
34. Adding more RAM will:
- Bog down the operating system
  - Improve the computer's performance**
  - Consume additional space inside the computer case
  - Have no effect on the computer
35. ROM stands for:
- Real Object Memory
  - Read Only Memory**
  - Read Operating Memory
  - Random Only Memory



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36. A major difference between RAM and ROM is:
- The letter A and the letter O
  - ROM doesn't require power to retain data, RAM does**
  - RAM is more difficult to upgrade than ROM
  - RAM and ROM are the exact same thing
37. Which of the following are types of memory
- RAM and ROM
  - SIMM and DIMM
  - SRAM and DRAM
  - All of the above**
38. A mouse sends signals to the computer using:
- Light sensors
  - Track ball and gears
  - Electronic signals
  - All of the above**





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