



Digital Literacy I: Fundamentals

Unit 5 Processing and Memory

EXAM 1

1. What is the purpose of the Basic Input/Output System (BIOS)?
 - a. **Regulates signals and instructions for the CPU**
 - b. Provides ports to insert input or output peripherals
 - c. Stores and retrieves files from the hard drive
 - d. None of the above

2. The CPU is considered the _____ of the whole computer
 - a. Heart
 - b. Soul
 - c. **Brain**
 - d. Arms

3. On average, a CPU processes _____ of instructions per second
 - a. Hundreds
 - b. Thousands
 - c. Millions
 - d. **Billions**

4. CPU “instructions” may include:
 - a. Moving the mouse pointer around the screen
 - b. Running a clock widget on the desktop
 - c. Managing files on the computer
 - d. **All of the above**

5. Computer instructions are stored in memory and processed as:
 - a. **Ones and zeros, called “bits”**
 - b. Human-readable programming code
 - c. Encrypted programming code
 - d. None of the above





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6. From where does the CPU get instructions to carry-out a task?
 - a. **Memory**
 - b. Hard drive
 - c. Keyboard
 - d. Power supply

7. A computer's internal hardware such as the CPU, RAM, and hard drive are connected by the:
 - a. Father Board
 - b. Connection Board
 - c. **Mother Board**
 - d. Hardware Board

8. A heat sink is:
 - a. **A device to cool the CPU**
 - b. A component of the computer's cooling fan
 - c. A device to detect body temperature for touch screens
 - d. A container where heat is poured for later use

9. RAM is an acronym for:
 - a. Read and Memorize
 - b. **Random Access Memory**
 - c. Randomize and Memorize
 - d. Read and Access Memory

10. RAM memory is considered volatile because:
 - a. The chips frequently crack inside the computer
 - b. **The memory is erased when the computer is shut down**
 - c. RAM memory is NOT volatile
 - d. The data may attack other types of memory



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11. On a desktop computer, expansion slots are used to:
 - a. **Add or upgrade hardware components**
 - b. Increase the size of the computer case
 - c. Add more memory or hard drive space
 - d. All of the above

12. 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**

13. “CPU” is an acronym for:
 - a. Computer Processing Unit
 - b. **Central Processing Unit**
 - c. Central Peripheral Unit
 - d. None of the above

14. 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

15. “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



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