

**Grade 10 Computer Studies**  
**Processing Devices Questions**

Instructions: Answer the following questions using the best possible answers to complete each question.

1. CPU stands for \_\_\_\_\_.
2. Two other names for the CPU are \_\_\_\_\_ and \_\_\_\_\_.
3. Processors may be mounted in a socket or a \_\_\_\_\_.
4. What are two companies that make processors \_\_\_\_\_ and \_\_\_\_\_.
5. The \_\_\_\_\_ performs mathematical calculations and logical comparisons.
6. If a processor is running at 2 billion pulses per second what is its speed? \_\_\_\_\_.
7. The machine cycle is \_\_\_\_\_ => \_\_\_\_\_ => \_\_\_\_\_ => and \_\_\_\_\_.
8. The CPU is said to be the \_\_\_\_\_ of the computer?
9. The CPU contains a \_\_\_\_\_ unit and a \_\_\_\_\_ unit.
10. List one device that helps to keep the CPU cool. \_\_\_\_\_
11. The \_\_\_\_\_ is the part of the processor that extracts instructions from memory and decodes them.
12. The system unit contains \_\_\_\_\_ and \_\_\_\_\_ memory.
13. \_\_\_\_\_ memory does not lose its contents when the computer's power is turned off.
14. \_\_\_\_\_ is an example of volatile memory.
15. Computers only recognize two states: \_\_\_\_\_ and \_\_\_\_\_.
16. Eight bits is equal to one \_\_\_\_\_.
17. How many bytes does the word "cat" have? \_\_\_\_\_