Quiz: Functions of the Central Processing Unit (CPU)

# Section A: Multiple Choice (Choose the correct answer)

1. What does CPU stand for?
 A. Central Peripheral Unit B. Central Processing Unit C. Control Processing Unit D. Central Program Unit

2. Which part of the CPU performs calculations and logic operations?
 A. Control Unit B. ALU C. RAM D. Register

3. The Control Unit in a CPU is responsible for:
 A. Storing data B. Performing calculations C. Directing operations D. Printing results

4. What is the name of the cycle the CPU follows to process data?
 A. Decode-Write-Store B. Run-Stop-Go C. Fetch-Decode-Execute D. Start-End-Save

5. Registers are used to:
 A. Print data B. Store long-term files C. Hold temporary data D. Display results

# Section B: Fill in the Blanks

6. The \_\_\_\_\_\_\_\_\_\_ is called the brain of the computer.

7. The \_\_\_\_\_\_\_\_\_\_ cycle includes fetching, decoding, and executing instructions.

8. \_\_\_\_\_\_\_\_\_\_ is the part of the CPU that handles arithmetic and logical operations.

9. The \_\_\_\_\_\_\_\_\_\_ unit directs operations inside the computer.

10. Data being processed is temporarily held in \_\_\_\_\_\_\_\_\_\_.

# Section C:

11. List and explain two main parts of the CPU.

12. Why is the CPU important in a computer system?

Answers

1. B. Central Processing Unit

2. B. ALU

3. C. Directing operations

4. C. Fetch-Decode-Execute

5. C. Hold temporary data

6. CPU

7. Fetch-Decode-Execute

8. ALU

9. Control

10. Registers

11. ALU – performs calculations and logical operations. Control Unit – manages and directs the activities of the computer.

12. The CPU processes data, controls computer functions, and is essential for the computer to work properly.