

Textbook exercise of L-1 Computer – Inside the System Unit

A. Tick the correct answer.

- 1) System unit protects the internal electronic components from damage.
- 2) CPU controls each parts of a computer.
- 3) Speed of the CPU is measured in Both a and b.
- 4) RAM is a volatile memory.
- 5) Fan fitted inside the SMPS keeps the power supply cool.

B. State true or false.

- 1) Motherboard is also known as system board. **True**
- 2) Memory of the computer is measured in MHz. **False**
- 3) RAM stores the data permanently. **False**
- 4) Hard disk drive reads information stored on CDs/DVDs. **False**
- 5) An adapter card is fitted in a socket on the motherboard. **True**

C. Fill in the blanks.

- 1) A Motherboard is a large circuit-board inside the system unit.
- 2) CPU is also called Processor or Microprocessor.
- 3) RAM is called primary memory.
- 4) SSD is new type of storage device.
- 5) SMPS is a power supply unit in a computer that is used to transfer power to it.

D. Write the full form of the following:

1.	CPU: Central Processing Unit
2.	RAM: Random Access Memory
3.	ROM: Read Only Memory
4.	SMPS: Switched-Mode Power Supply

E. Differentiate between the following:

RAM	ROM
➤ Full form is Random Access Memory.	➤ Full form is Read Only Memory.
➤ It is temporary memory	➤ It is permanent memory.
➤ It is Volatile memory	➤ It is non-volatile memory.

F Answer the following questions:

Q:1	What do you mean by System Unit?
A:1	• System Unit is a box that stands near the monitor. • It protect all the electronic components from damage.
Q:2	Write any two uses of Motherboard in a computer.
A:2	1) It holds many electronic components such as the processor (CPU) and main memory. 2) It provides connectors for other external devices such as monitor, mouse, keyboard etc.
Q:3	What is the significance of 'speed of CPU'?
A:3	• The speed of CPU is measured in MHz or GHz. • The faster the speed of CPU, the faster the computer can operate.
Q:4	What are the uses of Ports? Write down the names of some ports.
A:4	• Ports are used to plug in computer devices. • Some ports are: Monitor Port, Speaker Port, USB Port, etc.

G Application Based Question:

At home your younger sister asks you as to where the computer stores information and other stuffs. What should be your reply?

Hard Disk Drive

ACTIVITY SECTION

ACTIVITY (CROSSWORD)

Solve the crossword puzzle.

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|-----------------|--------------|--------------|
| 1. MOTHERBOARD | 2. HARD DISK | 3. PROCESSOR |
| 4. ADAPTER CARD | 5. SMPS | 6. PORTS |
| 7. RAM | 8. ROM | |