Ch.: 1 Computer- Inside the System Unit.

Q-1   Fill in the blanks.

1) A **motherboard** is a large circuit-board inside the system unit.

2) The speed of the CPU is measured in **MHz** or **GHz** .

3) **RAM** is called the primary memory or main memory.

4) A group of 8 bits is called **byte** .

5) 1 byte = **1 [one]** character.

6) **disk drive** are used for holding data, instructions and information for future use.

7) 1 KB (Kilobyte) = 2^{10} byte.

8) 1 MB (Megabyte) = 2^{20} byte.

9) 1 GB (Gigabyte) = 2^{30} byte.

10) 1 PB (Petabyte) = 2^{50} byte.

11) The **SSD** is a very fast new type of storage device like a hard drive.

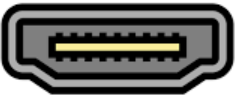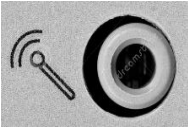12) The **SMPS** is used to transfer power supply to the computer.
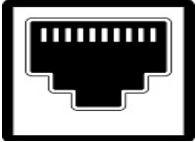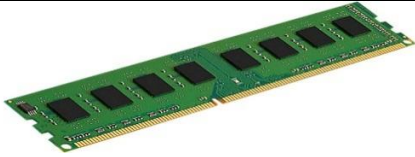
Q-2   Tick the (✓) correct answers.

1) What is the main component of the computer system unit where all the processing happens?
   a) Monitor   b) Keyboard   **c) CPU**

2) Which component of the computer system unit stores all the programs and files permanently?
   a) RAM   **b) Hard Drive**   c) Motherboard

3) Which component of the computer system unit is like the computer's "brain" and controls all the other parts?
   a) CPU   b) Hard Drive   c) Power Supply
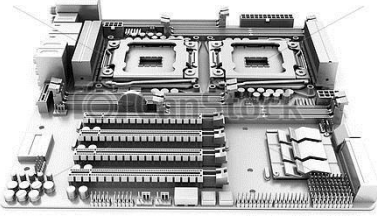
4) Which part of the computer system unit connects all the other components together and allows them to communicate with each other?
   a) Motherboard   b) Power Supply   c) Hard Drive

5) What component of the computer system unit provides power to all the other components?
   a) Motherboard   **b) Power Supply**   c) CPU

6) What component of the computer system unit is responsible for temporarily storing data that the CPU needs to access quickly?
   a) Motherboard   **b) RAM**   c) Hard Drive

7) Which component of the computer system unit is responsible for processing instructions, performing calculations, and controlling the flow of data?
   a) CPU   b) RAM   c) Motherboard

8) Which of the following is not a non-volatile memory?
   a) RAM   b) ROM   c) Secondary Memory

9) Which of the following memory helps the computer to get started?
   a) RAM   **b) ROM**   c) Memory Card

10) _____ are used to plug in computer devices.
   a) Monitor   **b) Ports**   c) RAM

Q-3   Write T for True and F for False.

1) System unit is a box-like case that stands near the monitor.   **True**
2) Motherboard provides connectors for mouse, keyboard and monitor.   **True**
3) RAM loses its contents when the power is switched off.   **True**
4) Most computers have more than one Hard-drive in computer.   **False**
5) Ports are a number of holes and slots into which we plug in computer device.   **True**
6) Computer memory is used to store data inside it.   **True**
7) A bit is the smallest unit of data that a computer can process and store.   **True**

Q-4 Identify the pictures.

HDMI port	**Microphone port**	**Hard disk**	**USB port**
Network port	**Power port**	**RAM**	
Adapter Card	**SMPS**	**Motherboard**	**ROM**

Q-5   Write full form of the following.

1. CPU   Central Processing Unit.
2. ALU   Arithmetic Logic Unit.
3. CU   Control Unit
4. SMPS   Switch Mode Power Supply
5. MHz   Megahertz
6. RAM   Random Access Memory
7. ROM   Read Only Memory
8. MB   Mega Byte
9. ZB   Zetta Byte
10. YB   Yotta Byte
11. GHz   Gigahertz
12. PB   Peta Byte