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| Name | : | MUHAMMAD IKQBAL BIN NORDIN |
| Matric No | : | SX240238ECJHS03 |
| Section | : | SECP1513-01-03-2024/2025 |
| Lecturer Name | : | PM DR. HAZA NUZLY B. ABDULL HAMED |
| Marks | : | /6 |

1. Please label the given image below:

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| i. |  | ii. |  |
|  | Ans: PHILIPS SCREWDRIVER |  | Ans: Hard Disk Drive (HDD) |
| iii. |  | iv. |  |
|  | Ans: RAM (Random Access Memory) |  | Ans: PSU (Power Supply Unit) |

2 marks

1. Describe briefly step by step (CORRECT SEQUENCE) on how to **ASSEMBLE** a computer hardware based on PC Assemble Workshop that you practice.

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|  | **Prepare your workspace.** Set up a clean, static-free area and gather tools like a screwdriver and thermal paste. |
|  | **Install the processor and CPU cooler.** Place the CPU in the motherboard socket, secure it, apply thermal paste and attach the CPU cooler. Connect the cooler's fan to the CPU\_FAN header. |
|  | **Insert the RAM.** Slot the RAM sticks into the motherboard’s memory slots and press firmly until they click**.** |
|  | **Mount the motherboard and install case fans.** Secure the motherboard inside the case with screws, and install case fans in the designated areas. Connect the fan cables to the motherboard or a fan hub. |
|  | **Install the power supply (PSU).** Fit the PSU into its spot in the case, secure it, and ensure the cables are accessible. |
|  | **Install storage devices.** Secure SSDs or HDDs in their bays and connect them to the motherboard with SATA cables and to the PSU for power. |
|  | **Install the graphics card.** Insert the GPU into the PCIe slot on the motherboard, secure it with screws, and connect any necessary power cables. |
|  | **Connect cables and finalize.** Connect all power and data cables to the motherboard, GPU, and storage devices. Attach the case’s front panel connectors. Close the case, power on the PC, and test it! |

4 marks