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Matric: A23MJ8005

Question 1

- I. Screw driver
- II. Hard disk
- III. Ram driver
- IV. Power Supply Unit

Question 2

- I. Prepare the Workspace by ensuring the workspace is clean, organized, and free from static electricity.
- II. Install the CPU by carefully placing the CPU into the motherboard's socket, aligning the notches correctly.
- III. Apply a small amount of thermal paste on the CPU surface and attach the heatsink or CPU cooler.
- IV. Insert the RAM sticks into the appropriate DIMM slots on the motherboard, pressing down until they click securely.
- V. Align the motherboard with the standoffs in the case and secure it using screws.
- VI. Insert the graphics card if needed into the appropriate PCIe slot on the motherboard.
- VII. Attach the power cables to the motherboard and GPU, making sure all the cables are organized neat.
- VIII. Mount storage drives (HDD/SSD) in the designated bays and connect them to the motherboard using SATA cables, then connect power cables from the power supply.

Reflection

From this assignment, I have learned the basics of PC assembly; - the required components, as well as the steps and safety measures into assembling one. This will prove useful in the future when it comes to configuring the computer or solving potential hardware problems in a computer.