**Course : Technology and Information Systems**

**Course Code : SECP 1513**

**Activity : PC Assembly**

**Section : 15**

**Lecturer Name : Dr. Halinawati Binti Hirol**

**Group name : Tansim Jannat (A22MJ3012)**

This sheet should be filled in your group.

You should fill in the step numbers and the activities for each step. Once you have completed the steps, put a ✅ in the final column (for done). Once you have completed all the steps and put the check mark. Find a technician in the lab to check that you have completed all the steps correctly.

|  |  |  |
| --- | --- | --- |
| Step number | Activity | Done ✅ |
| **DISSEMBLING** | | |
| 1 | Make sure to power off the system unit before opening the case. Also,  disconnect and unplug the AVR from the wall socket. | ✅ |
| 2 | Unplug the power cord and all other cables from the system unit. | ✅ |
| 3 | After detaching all connected cables, place the system unit on the table. | ✅ |
| 4 | Rub your hands, then touch the unpainted metal section of the system unit with your bare hands to discharge any built-up electrostatic charge. | ✅ |
| 5 | Subsequently, wear a glove to maintain cleanliness while handling computer components. | ✅ |
| 6 | Take out the side cover screws and store them in a container. | ✅ |
| 7 | Utilize an anti-static wrist strap, connecting it to the chassis. | ✅ |
| 8 | Disconnect all connectors linked to the motherboard. | ✅ |
| 9 | Unbolt and remove the power supply unit (PSU). | ✅ |
| 10 | Unscrew and extract the hard disk drive (HDD). | ✅ |
| 11 | Remove the DVD drive. | ✅ |
| 12 | Extract the read-only memory (RAM). | ✅ |
| 13 | Detach the heat sink. | ✅ |
| 14 | Remove the CPU or processor. | ✅ |
| 15 | Remove the motherboard. | ✅ |
| **ASSEMBLING** | | |
| 16 | Position the motherboard inside the case. | ✅ |
| 17 | Install the processor. | ✅ |
| 18 | Place the heat sink on top of the processor, securing it to the motherboard. | ✅ |
| 19 | Align the RAM with its socket and press down evenly until the black latches close. | ✅ |
| 20 | Introduce the Hard Disk Drive into the case. | ✅ |
| 21 | Insert the DVD Drive into the case. | ✅ |
| 22 | Install the power supply inside the case. | ✅ |
| 23 | Connect all the necessary connectors. | ✅ |
| 24 | Cover the system unit. | ✅ |
| 25 | Plug in the power cord and reconnect all other cables to the system unit. | ✅ |