**Course : Technology and Information Systems**

**Course Code : SECP 1513**

**Activity : PC Assembly**

**Section : ……15……………**

**Lecturer Name : Dr. HALINAWATI HIROL………………………………….**

**Group name : HASAN AMMAR ABDULAZIZ(A23MJ0018)…………………………………….**

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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.

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| --- | --- | --- |
| Step number | Activity | Done ✅ |
| 1 | Ensure the computer is shut off. |  |
| 2 | Ground yourself to prevent static damage by  using an anti-static wrist strap or by touching a grounded metal object |  |
| 3 | Loosen the screws to detach the power supply unit from the chassis. |  |
| 4 | Disconnect every cable from the power supply. |  |
| 5 | Place the system unit on a steady, clean surface. |  |
| 6 | Slide out the hard disk drive from its slot. |  |
| 7 | Remove the optical disc drive (ODD) or CD-ROM. |  |
| 8 | 1. Unfasten the screws securing the HDD and carefully lift it out. |  |
| 9 | Proceed to gently unscrew and extract the motherboard from the case. |  |
| 10 | Disconnect and remove all additional attachments from the motherboard |  |
| 11 | Carefully take out the central processing unit (CPU). |  |
| 12 | Detach the heatsink from atop the CPU. |  |
| 13 | Gently pull out the memory modules from their sockets. |  |
| 14 | Remove the graphics card by releasing it from the expansion slot. |  |
| 15 | Start reassembling by fixing all components back onto the motherboard. |  |
| 16 | Position the CPU back into its dedicated socket on the motherboad |  |
| 17 | Attach the heatsink to the CPU to ensure proper cooling. |  |
| 18 | Insert the RAM sticks into their respective slots until they click into place. |  |
| 19 | Carefully install the graphics card into its PCI slot. |  |
| 20 | Align the motherboard within the case and secure it with screws. |  |
| 21 | Align the motherboard within the case and secure it with screws. |  |
| 22 | Position and fasten the HDD in its housing |  |
| 23 | Slide in the ODD or CD-ROM and secure it. |  |
| 24 | Set the hard disk drive into its bay and tighten it. |  |
| 25 | Screw the power supply back into its place in the case. |  |
| 26 | Reconnect all necessary cables to their respective connectors on the motherboard |  |