PRACTICAL DC 014

1.5 : HARDWARE (PC DISASSEMBLY)

Generally, the process is to unplug all the cords and cables connecting a component to other components, then remove the part from the case or frame. Components can be attached to the case with special clips, screws, or by insertion into a holder. In each case, no more than a small amount of force is needed to remove the part. If it's not moving, check for more attachments that are holding the component in place.

You will need a small Phillips-head screwdriver and depending on the manufacturer of your components, possibly a flathead screwdriver. The metal inside the computer case can be sharp, so you might want gloves, as well.

Instruction: Fill in the blanks based on the descriptions.

Steps	Process	Description
1.		Turn off the computer, unplug the power cord and unplug any peripheral items attached to the computer, such as the keyboard, mouse, monitor, headphones, and any external drives.
2.		Remove at least one of the side covers, usually the right side as you face the front of the computer.
3.		Disconnect all the connectors, then remove any card readers and internal DVD players.
4.		Remove any standalone fans (heat-sink). This is a good time to remove any dust, lint, and pet hair from the fans if you're planning on reusing them
5.		Disconnect the cables and remove the storage drive.
6.		Remove the memory modules (RAM) by pushing the clips on both ends of the module down. This will cause the module to pop up for easy removal
7.		Remove the power supply unit by unplugging the remaining connectors, then unscrewing the unit from the frame.
8.		Remove any adapter or expansion cards from the motherboard. Although these cards usually slide into preconfigured slots, there can be screws
9.		Disconnect all the cables from the motherboard, then unscrew it from the frame by loosening each screw a little bit before going around again to loosen each screw properly.

Remove side covers

Unplug computer and peripheral items

Remove standalone fans

Remove motherboard

Remove adapter cards

Disconnect connectors

Remove memory modules (RAM)

Remove power supply unit

Remove hard disk drive

LIVEWORKSHEETS