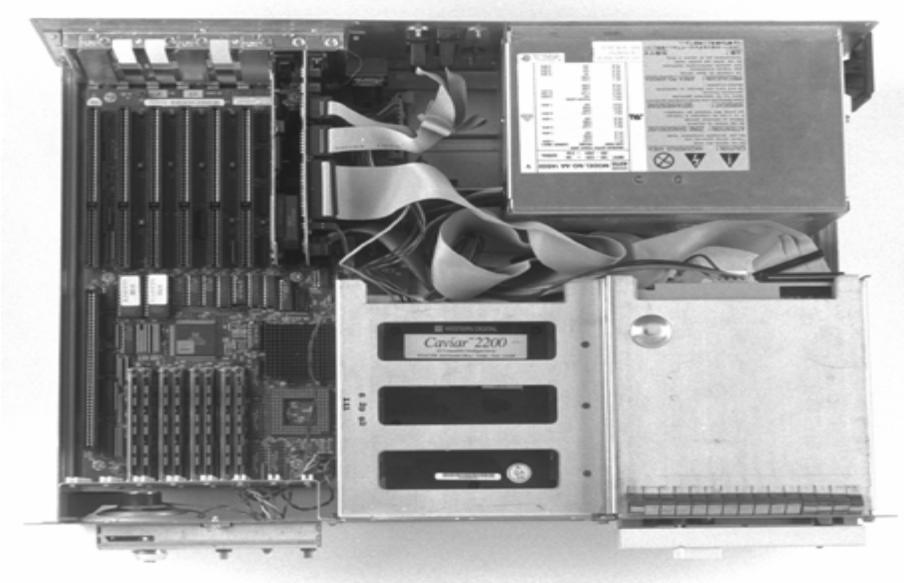


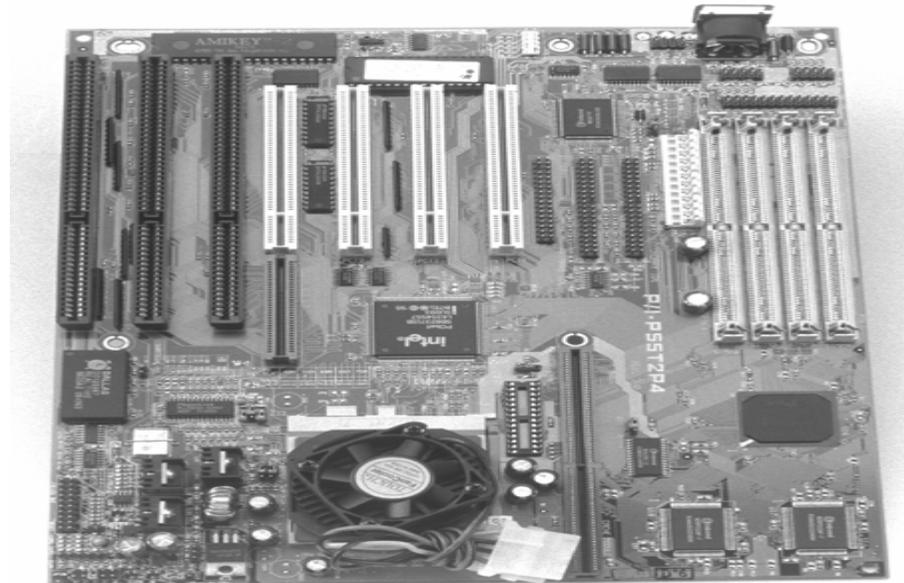
Tech Leaders Hardware Test

Name: _____

1. On the computer below, locate and label the following components: Power Supply, Expansion Slots, Expansion Cards, RAM chips, Hard Drive, Floppy Drive. Hint: there are seven RAM chips, pictured near the open expansion cards slots.



2. On the motherboard below, locate and label the following components: PCI Expansion Slots, ISA Expansion Slots, Central Processing Unit. Hint: PCI are smaller than the ISA slots.



3. If a student complained that she was unable to print, you would ask a series of questions. Please number these questions in the order you would ask them.

___ What message is being displayed on the status window on the printer you selected?

___ Do you see your user directory under “My Computer”?

___ Which printer have you selected?

___ Have you logged in?

4. Suppose that the printer menu says “Ready” and the student can see her user folder on “My Computer”. In what order would you perform the following tests? Some of the following actions would not be necessary, given what you already know – mark them with an “X”.

___ Check if the printer power cord is plugged in. If not, plug it in.

___ Check if the printer shows up as a network printer in the Printer Settings Control Panel. If not, “Add Printer”

___ Check if there is paper in the printer. If not, add paper.

___ Check if the printer jobs have been “paused” on the student’s machine. If so, “purge jobs” and resume printing.

___ If unable to see the printer on the network, check to see if the network cable is plugged into the printer and the green status light is flashing.

5. Using a **diagram with arrows**, arrange the following in a “chain” that indicates the flow of data from a file in Microsoft Word to a networked printer

- Network Adaptor In Printer Server
- Printer Driver In Student Computer
- Network Adaptor In Printer
- Data In Ms Word File
- Printer Operating System
- Network Adaptor In Student Computer
- Printer Management Software In Printer Server