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# LAB 14.1 WORKING WITH STARTUP OPTIONS

## Student Answer Sheet

Name: \_\_\_\_\_ Computer ID: \_\_\_\_\_

### Step 1: Boot process

Briefly record the step of the boot process that occurs after the Windows 2000 Professional banner appears.

### Step 2: Booting in Safe Mode with Command Prompt

Record the three possible "Safe Mode" boot options:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Record the Command Prompt booting process:

Version and build number: \_\_\_\_\_

Path to the Windows 2000 kernel: \_\_\_\_\_

Creation date: \_\_\_\_\_

Record the following information from Task Manager:

Number of processes: \_\_\_\_\_

CPU Usage: \_\_\_\_\_ - \_\_\_\_\_

Physical Memory: \_\_\_\_\_

Is the physical memory shown less than your actual memory? \_\_\_\_\_

Explain:

## Step 2: Boot to Safe Mode.

Record the suggestion provided by the Desktop message:

Record any devices that failed to load:

Record Start sequence number, Error Level, and Error action information for the following:

**Abiosdsk:** \_\_\_\_\_

**atapi:** \_\_\_\_\_

Record any service you find with a Critical or Severe error level:

Service name: \_\_\_\_\_ Error Level: \_\_\_\_\_ Start Level: \_\_\_\_\_

Record any message you receive when accessing the network:

## Step 4: Boot in Safe Mode with Networking.

Record the name of at least one computer in your workgroup:

## Step 6: Create and read a boot log.

Record the first four drivers loaded in Ntbtlog.txt:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Record the last driver loaded:

\_\_\_\_\_

Record the first driver that failed to load:

\_\_\_\_\_

## Step 7: Booting with the Last Known Good Configuration

Starting screen resolution: \_\_\_\_\_

Revised screen resolution: \_\_\_\_\_

Restored screen resolution: \_\_\_\_\_

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# LAB 14.2 WORKING WITH THE BOOT.INI FILE

## Student Answer Sheet

Name: \_\_\_\_\_ Computer ID: \_\_\_\_\_

### Step 1: Multiple operating system installation sequence

Identify the correct installation sequence when setting up a computer to multiboot to DOS, Windows 95/98, or Windows 2000.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Step 3: Using Control Panel to modify the boot selection menu

Default operating system: \_\_\_\_\_

Default wait time: \_\_\_\_\_ secs.

Possible operating systems:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Revised wait time: \_\_\_\_\_ secs.

### Step 4: Attempt to set an indefinite wait time through Control Panel.

Record the results of setting a negative wait time:

### Step 5: Use Notepad to change wait time.

Record the operating system lines:

\_\_\_\_\_

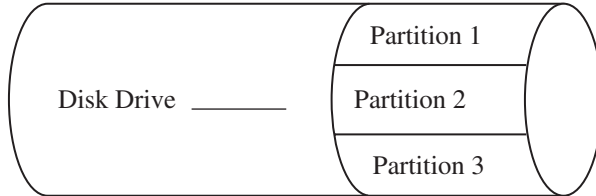
\_\_\_\_\_

\_\_\_\_\_

Record any error message you receive from clicking Startup and Recovery below:

Wait time value after closing Control Panel: \_\_\_\_\_

Using the following diagram, identify the location of your Windows 2000 boot partition:



Briefly record the results of booting with a wait time of -1:

**Step 6: Add options to the boot selection menu.**

Record the lines you add to your boot.ini file, or attach a printout.

**Step 7: Test the new boot options.**

Record any corrections to the boot.ini file, or attach an updated printout.

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## LAB 14.3 CREATING A WINDOWS 2000 BOOT DISK

### Student Answer Sheet

Name: \_\_\_\_\_ Computer ID: \_\_\_\_\_

**Step 5: Record the result of using the boot disk with the Normal option.**

**Step 6: Record the result of using the boot disk with Mirror option.**

### **Step 8: Changing the boot.ini file**

Record the ARC path of the normal boot option:

Record the error message you receive after changing the partition number:

### **Step 9: Recovering from a corrupted loader file**

Record the message you receive after attempting to boot without NTLDR:

Record the results of booting after restoring NTLDR: