✅ **Congratulations! You passed!**

Grade received 97.50%   **Latest Submission Grade** 97.50%   **To pass** 80% or higher   [**Go to next item**]

---

1. What happens when you format a filesystem on a partition?   `1 / 1 point`

- 🔘 The partition becomes a volume.
- ⭕ You eject a storage device.
- ⭕ You mount a new physical storage device.
- ⭕ Your machine switches between operating systems.

✅ **Correct**

---

2. Which of the following are partition table schemes? Select all that apply.   `1 / 1 point`

- ☐ Unified Extensible Firmware Interface (UEFI)
- ☑ GUID Partition Table (GPT)

✅ **Correct**

- ☐ New Technology Files System (NTFS)
- ☑ Master Boot Record (MBR)

✅ **Correct**

---

3. When partitioning a disk and formatting a filesystem, what happens if you choose the "full format" option? Select all that apply.   `0.75 / 1 point`

- ☐ The formatting process will complete in less time.
- ☑ The allocation unit size will be larger.

❌ **This should not be selected**
Please review the video on [how to partition and format a filesystem in Windows ↗](#).

- ☑ The formatting process will take longer.

✅ **Correct**

- ☑ Windows will scan the target drive for errors and bad sections.

✅ **Correct**

---

4. In Linux, when running parted in interactive mode, what happens when you enter the command mklabel gpt?   `1 / 1 point`

- ⭕ You rename the selected disk.
- ⭕ You specify the file system format for a partition on the selected disk.
- 🔘 You specify a partition table type for the selected disk.
- ⭕ You mount a partition on the selected disk.

✅ **Correct**

---

5. Fill in the blank: Virtual memory dedicates an area of the hard drive to use a storage base for blocks of data called _____.   `1 / 1 point`

- ⭕ RAM
- 🔘 pages
- ⭕ base storage
- ⭕ databases

✅ **Correct**

---

6. In Linux, what happens when you enter the command sudo swapon /dev/sdb1?   `1 / 1 point`

- ⭕ You mount a swap partition.
- ⭕ You create a new disk partition.
- 🔘 You enable swap on the selected device.
- ⭕ You format a disk partition for swap space.

✅ **Correct**

---

7. What file attributes are stored in the Master File Table (MFT)? Select all that apply.   `1 / 1 point`

- ☑ File creation time stamps

✅ **Correct**

- ☑ Whether or not a file is read-only

☑ Correct

☑ File data locations

☑ Correct

☐ Language used in the file data

8. What is the Linux equivalent to Window's Master File Table (MFT)?   1 / 1 point

○ ipod table

○ ipath table

◉ inode table

○ ilink table

☑ Correct

9. Which features of Windows NTFS filesystem help minimize file corruption?   1 / 1 point

☑ The fsutil self-healing utility

☑ Correct

☑ The NTFS log journaling process

☑ Correct

☑ The chkdsk /F command

☑ Correct

☐ The fsck command

10. What might occur if you were to run fsck on a mounted partition?   1 / 1 point

◉ It could damage the file system.

○ It will repair the partition 100% of the time.

○ It may change the files on the partition to read-only.

○ It might rename the partition.

☑ Correct