

1.

What happens when you format a filesystem on a partition?

1 / 1 point

☒

The partition becomes a volume.

☐ Your machine switches between operating systems.

☐ You eject a storage device.

☐ You mount a new physical storage device.

✓

Correct

2.

What is the maximum volume size for an MBR partition?

1 / 1 point

☒

Two terabytes.

☐ 1024 megabytes.

☐ One terabyte.

☐ Two gigabytes.

✓

Correct

3.

The Windows Disk Management Utility provides which of the following? Select all that apply.

1 / 1 point

☒ Information about a computer’s disks and disk partitions, as well as their file systems

✓

Correct

☐ A command line interface

☒ A utility to make modifications to the disk and partitions on a computer

✓

Correct

☒ Information about the free and total capacity of disks and partitions on a computer

✓

Correct

4.

In Linux, when running parted in interactive mode, what happens when you enter the command mklabel gpt?

1 / 1 point

☐ You mount a partition on the selected disk.

☒ You specify a partition table type for the selected disk.

☐ You rename the selected disk.

☐ You specify the file system format for 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

☐ databases

☐ base storage

☒ pages

☐ RAM

✓

Correct

6.

In Linux, what happens when you enter the command sudo swapon /dev/sdb1?

1 / 1 point

☐ You create a new disk partition.

☐ You format a disk partition for swap space.

☒ You enable swap on the selected device.

☐ You mount a swap partition.

✓

Correct

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

0.75 / 1 point

☒ File data locations

☒ Correct

☐ Language used in the file data

☐ File creation time stamps

☒ Whether or not a file is read-only

☒ Correct

You didn't select all the correct answers

8. How does a Linux hardlink link to another file?

0 / 1 point

☐ By referencing the other file's name

☐ By referencing the other file's physical location on the hard drive

☒ By referencing the other file's inode

☒ Correct

Please review the video [on how Linux stores and represents files](#).

☐ By referencing a copy of the other file

You didn't select all the correct answers

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

1 / 1 point

☒ The NTFS log journaling process

☒ Correct

☐ The fsck command

☒ The chkdsk /F command

☒ Correct

☒ The fsutil self-healing utility

☒ Correct

10. What must you do before trying to manually repair a file system with the fsck command?

1 / 1 point

☐ Run the chkdsk command.

☐ Make sure the file system is properly mounted.

☐ Reboot your computer.

☒ Make sure the file system is properly unmounted.

☒ Correct