

1.

You launch notepad.exe from a Powershell command line. Which of the following is true?

1 / 1 point

☐

The notepad.exe process will terminate when the Powershell process terminates.

☒

The Powershell process is the parent process for notepad.exe.

☐

The Powershell process will terminate when the notepad.exe process terminates.

☐

The notepad.exe process is the parent process for Powershell.

☒

Correct

2.

In the following Linux command, which is the parent process and which is the child?

1 / 1 point

```
$ less /etc/myfile | grep Hello
```

☐

The parent is /etcand the child is myfile.

☐

The parent is less and the child is /etc/myfile.

☒

The parent is less and the child is grep.

☐

The parent is grep and the child is less.

☒

Correct

3.

How do you find a process PID number in Windows Task Manager?

1 / 1 point

☐

Task Manager will not show PID numbers (you have to use the tasklist command or the Get-Process commandlet).

☐

Click on the Processes tab.

☐

Select a process from the process list.

☒

Click the Details tab.

☒

Correct

4.

When using the ps -x command to check the status of a process in Linux, how would you know if a process is suspended (stopped)?

1 / 1 point

☐

There is a letter S under the COMMAND field.

☒

There is a letter T under the STAT field.

☐

There is a letter S under the STAT field.

☐

There is a letter R under the STAT field.

☒

Correct

5.

Which of the following statements are true about SIGINT? Select all that apply.

1 / 1 point

☒

It is an interrupt signal that can be sent to a process that is running.

☒

Correct

☒

It can be sent at the CLI by pressing the CTRL+C keys.

☒

Correct

☐

It can be sent at the CLI by typing the sigint command.

☒

It is a signal that exists in both Windows and Linux.

☒

Correct

6. Which of the following options in Process Explorer will terminate a selected process? Select all that apply.

1 / 1 point

☒ Kill Process Tree

✔ Correct

☐ Suspend

☒ Kill Process

✔ Correct

☐ Restart

7. What are the two most common ways to terminate a process in Linux at the CLI? Select two options.

1 / 1 point

☐ Use the end *process* command.

☒ Use the kill -KILL *pid* command.

✔ Correct

☐ Use the terminate *process* command.

☒ Use the kill *pid* command.

✔ Correct

8. In iOS and Android, what’s the first thing you should try when troubleshooting a misbehaving app?

1 / 1 point

☐ Check for an app that is using a lot of battery.

☐ Uninstall apps, one at a time, starting with the least recently used app.

☒ Close apps, one at a time, starting with the foreground app.

☐ Close apps, one at a time, starting with the least recently used app.

✔ Correct

9. Which of the following Powershell commands will sort processes by amount of non-paged memory, in descending order?

1 / 1 point

☐ Get-Process| Sort -property ID, ProcessName

☒ Get-Process| Sort NPM -descending | Select -property ID, ProcessName

☐ Get-Process| Sort CPU -descending | Select -property ID, ProcessName

☐ Get-Process| Sort WS -ascending | Select -property ID, ProcessName

✔ Correct

10. Which of the following Linux commands lists open files and what processes are using them?

0 / 1 point

☒ top

☐ lsof

☐ uptime

☐ ps -ef

✘ Incorrect

Please review the video [on how to monitor resources in Linux](#).