

1. What is Linux?

1 point

- ☒ Linux is a family of Unix-like operating systems
- ☐ Linux is a proprietary operating system developed by Microsoft
- ☐ Linux is a programming language for developing web applications
- ☐ Linux is a type of computer hardware that can run graphical applications

2. Which layer of the Linux system enables you to interact with the Linux operating system?

1 point

- ☒ Application
- ☐ User Interface (UI)
- ☐ Operating system
- ☐ Hardware

3. Which shell command can you use to change the current working directory to the parent of that directory?

1 point

- ☐ cd ~
- ☐ cd !
- ☐ cd /
- ☒ cd ..

4. What command do you use to open a text file using nano?

1 point

- ☐ nano txt filename.txt
- ☐ nano open filename.txt
- ☒ nano filename.txt
- ☐ open nano filename.txt

5. Which shell command can you use to display information about mounted file systems?

1 point

- ☐ cat
- ☐ ps
- ☒ df
- ☐ head

6. Assume your present working directory is folder1, which contains a file named file1.txt and a directory named folder2. Also, assume folder2 contains a file named file2.txt. Which of the following commands would successfully remove folder2?

1 point

- ☐ rm folder1/folder2
- ☐ rmdir folder1/folder2
- ☐ rmdir -r folder2
- ☒ rm -r folder2

7. Which command can you use to print the total number of lines in a file?

1 point

- ☐ cat
- ☐ more
- ☐ head
- ☒ wc

8. Which command prints all lines in the file contract.txt that contain the word “will” and ignores the case of the text while matching?

1 point

- ☐ cut -n will contract.txt
- ☒ grep -i will contract.txt
- ☐ sort -v will contract.txt
- ☐ uniq -c will contract.txt

9. Which command displays the hardware specification of a Wi-Fi adapter wifi0?

1 point

- ☐ ping wifi0
- ☒ ifconfig wifi0
- ☐ netstat wifi0
- ☐ hostname wifi0

10. Which command creates an archive of the /etc directory and names this archive etc.tar?

1 point

- ☒ tar -cf etc.tar /etc
- ☐ tar -lf etc.tar /etc
- ☐ tar -xf /etc etc.tar
- ☐ tar -tf /etc etc.tar

11. Which extension is used to indicate a file is a shell script?

1 point

- ☐ .script
- ☒ .sh
- ☐ .ss
- ☐ .shebang

12. Assume a variable named therm. Which command will display the value of the therm variable?

1 point

- ☒ echo \$therm
- ☐ echo therm
- ☐ echo=therm
- ☐ echo=\$therm

13. Assume you have a file named storelist.txt. In the terminal, you want to display only the last 10 lines of the file. From this list of 10 lines, you also want to omit any consecutively repeated lines from the output. Which of the following Bash inputs should you use?

1 point

- ☐ tail storelist.txt > uniq
- ☐ uniq storelist.txt | tail
- ☒ tail storelist.txt | uniq
- ☐ uniq storelist.txt > tail

14. Which input can you use to run the hostname command and ifconfig command sequentially?

1 point

- ☒ hostname; ifconfig
- ☐ hostname --\> ifconfig
- ☐ hostname = ifconfig
- ☐ hostname & ifconfig

15. Which cron command returns the current crontab?

1 point

- ☐ crontab -r
- ☐ crontab -u
- ☒ crontab -l
- ☐ crontab -e