Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

[**Next item →**]

1. What is Unix? — 1 / 1 point

- ⦿ Unix is a family of operating systems dating from the 1960s
- ◯ Unix is a type of computer hardware that can run graphical applications
- ◯ Unix is a programming language for developing web applications
- ◯ Unix is a proprietary operating system developed by Microsoft

✓ **Correct**
Correct! Unix is a family of operating systems dating from the 1960s. Initially, it was made for a specific hardware system, the PDP-7 computer.

2. Which layer of the Linux system includes all your computer's physical and electronic devices? — 1 / 1 point

- ⦿ Hardware
- ◯ Kernel
- ◯ Operating System
- ◯ UI

✓ **Correct**
Correct! The hardware layer comprises different parts, including the motherboard, CPU, GPU, RAM, and other I/O devices.

3. Which shell command can you use to change the current working directory to your home directory? — 1 / 1 point

- ⦿ cd ~
- ◯ cd /
- ◯ cd !
- ◯ cd ..

✓ **Correct**
Correct! The tilde (~) is a shortcut for specifying the path to your home directory.

4. Which mode do you use in Vim to enter text? — 1 / 1 point

- ⦿ Insert
- ◯ Command
- ◯ Edit
- ◯ Enter

✓ **Correct**
Correct! You can enter Insert mode in Vim by pressing 'i'. This will allow you to enter text.

5. Which shell command can you use to download a file from a URL? — 1 / 1 point

- ⦿ wget
- ◯ ping
- ◯ cat
- ◯ touch

✓ **Correct**
Correct! The wget is a networking command that downloads files from a URL.

6. You can use the touch command for which of the following purposes? — 1 / 1 point

- ⦿ To create a new file
- ◯ To change a file's permissions
- ◯ To display a file's contents
- ◯ To add a string to a file

✓ **Correct**
Correct! You can use the touch command to create a new file or update an existing file's timestamp.

7. Assume you run the command wc contract.txt and receive the following output: 40 185 1302 contract.txt

1 / 1 point

What does the number "40" indicate about contract.txt?

- ◉ Number of lines
- ○ Number of words
- ○ Number of characters
- ○ Number of spaces

> ✓ **Correct**
> Correct! The wc command will return, in order, the number of lines, words, and characters in a file. In this example, the output of wc document.txt indicates that contract.txt contains 40 lines, 185 words, and 1,302 characters.

8. Which command prints all lines from the file test.txt that contain the word "evaluate"?

1 / 1 point

- ◉ grep evaluate test.txt
- ○ cat evaluate test.txt
- ○ paste evaluate test.txt
- ○ tail evaluate test.txt

> ✓ **Correct**
> Correct! The grep command allows you to specify a pattern and search for lines from the input text that contain a match to the pattern.

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

1 / 1 point

- ◉ ifconfig wifi0
- ○ ping wifi0
- ○ hostname wifi0
- ○ netstat wifi0

> ✓ **Correct**
> Correct! The ifconfig command can display information, including hardware specifications, about network devices such as Wi-Fi adapters. To display information about all installed network devices, enter ifconfig with no options. To display information about a specific network device, specify the device name after ifconfig in your command.

10. Which command creates a compressed archive of the /dev directory and its subdirectories and names this archive dev.zip?

1 / 1 point

- ◉ zip -r dev.zip /dev
- ○ zip -cf dev.zip /dev
- ○ zip -/dev dev.zip
- ○ zip -cf /dev dev.zWip

> ✓ **Correct**
> Correct! The zip command allows you to compress multiple files and directories into a single archive file. To use zip to compress an entire directory, you must also include the -r option. After listing the -r option, you must list the name for the new archive file and then the path to the directory you want to compress.

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

1 / 1 point

- ◉ .sh
- ○ .shebang
- ○ .script
- ○ .ss

> ✓ **Correct**
> Correct! The .sh extension is used to indicate that a file is a shell script.

12. Which command can you use to extend a shell variable to an environment variable?

1 / 1 point

- ◉ export
- ○ grep
- ○ env

○ set

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 / 1 point

◉ tail storelist.txt | uniq

○ tail storelist.txt > uniq

○ uniq storelist.txt | tail

○ uniq storelist.txt > tail

✓ **Correct**

Correct! The tail command prints the last ten lines of a file. The uniq command prints each line of a file while omitting consecutively repeated lines from the output. In this example, first run the tail command on storelist.txt. Next, use the pipe operator (|) followed by the uniq command to print the output from tail storelist.txt while omitting consecutively repeated lines.

14. Which operator can you use to make two Bash commands run in parallel?

1 / 1 point

◉ &

○ ;

○ #

○ *

✓ **Correct**

Correct! You can use the ampersand (&) operator to run two Bash commands in parallel.

15. Which cron command removes the current crontab?

1 / 1 point

◉ crontab -r

○ crontab -l

○ crontab -e

○ crontab -u

✓ **Correct**

Correct! Entering crontab -r on the command line removes the current crontab.ntering crontab -l on the command line lists all the scheduled jobs in the current crontab.