

1.Using a Linux machine, you have the following directory tree:

```
1  /
2  |-- home
3  |   |-- cindy
4  |       |-- Pictures
5  |           |--Alaska
6  |           |--Canada
7  |       |-- Movies
8  |-- var
```

If your current path is /home/cindy/Pictures/Canada, and you want to change to the Alaska directory, which of the following commands can you use? Check all that apply.

- ☐ cd /Pictures/Alaska
- ☒ cd ../Alaska

☒ **Correct**
Use the cd ../Alaska to get to the current parent directory and change to the Alaska directory.

- ☐ ls ../Pictures/Alaska
- ☒ cd /home/cindy/Pictures/Alaska

☒ **Correct**
Use an absolute path to get to this directory.

2. In Bash, which of the following commands can be used to view a list of all files in the /home directory? Check all that apply.

1 / 1 point

- ☐ list -a /home
- ☐ ls -la ~
- ☒ ls -la /home

☒ **Correct**
The ls command can be used by adding the flags “l” and “a” to view a long list of all directories in two different ways: together, “-la”, or separately, “-l -a”.

- ☒ ls -l -a /home

☒ **Correct**
The ls command can be used by adding the flags “l” and “a” to view a long list of all directories in two different ways: together, “-la”, or separately, “-l -a”.

3. In Bash, which of the following commands can be used to remove a directory named "Miscellaneous Directory" ?

1 / 1 point

- ☐ rm -r Miscellaneous Directory
- ☐ rm Miscellaneous\ Directory
- ☐ rm Miscellaneous Directory
- ☒ rm -r Miscellaneous\ Directory

☒ **Correct**
To remove a directory, recursively remove the files with -r. Also, folders with spaces in the name have to be escaped with \.

1 / 1 point

4. Which of the following are command line interfaces (CLI) on Windows OS? Select all that apply.

- ☐ Bash
- ☒ Command Prompt

✓ **Correct**
Command prompt and Powershell are the two CLI used in Windows OS.

- ☒ PowerShell

✓ **Correct**
Command prompt and Powershell are the two CLI used in Windows OS.

- ☐ Parameter

1 / 1 point

5. Which command is used in both Linux and Windows CLI to create a new directory?

- ☒ mkdir
- ☐ ls
- ☐ cd
- ☐ rm

✓ **Correct**
The mkdir command is for making a new directory, applicable for both Linux and Windows CLI.