

Questions

Responses

1. Enter your Roll Number \*

Enter your answer

2. What is the output of the following command:

`echo $home`

(1 Point)

- ☐ Error
- ☐ No output ✓
- ☐ Parent/ home directory
- ☐ None of the above

3. What is the type of the `read` command?

(1 Point)

- ☐ Alias
- ☐ Keyword
- ☐ Function
- ☐ Shell built-in ✓

4. If a user wants to check the elements of a directory, which permissions are necessary?  
(1 Point)

- ☐ chmod +r
- ☐ chmod +w
- ☒ chmod +rx ✓
- ☐ chmod +rw

5. Given a file input.txt with the following contents:

abcd

aaaa

bcd

aab

After running a command, output is:

bcd

abcd

aab

aaaa

Select the correct command.

(1 Point)

- ☐ sort input.txt
- ☒ sort -r input.txt ✓
- ☐ tac input.txt
- ☐ tac -r input.txt

6. How to check the size of a folder in a human readable format?

(1 Point)

- ☐ df -sh sample\_directory
- ☒ du -sh sample\_directory ✓
- ☐ df -h sample\_directory
- ☐ du -h sample\_directory

7. What does the following command print?

`find . -name '*.sh'`

(1 Point)

- ☐ Error
- ☐ All shell scripts in the home directory
- ☒ All the shell scripts in the current directory ✓
- ☐ All the files with name .sh

8. Given an array:

```
arr=(rohit anmol shikhar aman)
```

What is the output of the following command?

```
echo ${arr[3]:2:3}
```

(1 Point)

- ☐ Array out of bound error
- ☐ aman
- ☐ shikhar aman
- ☒ an ✓

9. `v=3`

```
let v+=2
```

```
let a+=2
```

```
echo $a $v
```

What will be the Output?

(1 Point)

- ☒ 2 5 ✓
- ☐ 5
- ☐ Error
- ☐ None

10. Which of the following would lead to an error?

(1 Point)

- ☐ let d=60\*10 ; echo \$d
- ☒ expr 60 \* 10 ✓
- ☐ echo \$((60\*10))
- ☐ declare -i d=60\*10 ; echo \$d

11. What is the output of the following command? Incorrect question! The question was

`echo $((2#100+10#101+2#11))`

(1 Point)

`echo $((2#100+10#101*2#11))`

1 point is given to all the students.

- ☐ 1211
- ☐ 307
- ☐ 60
- ☐ 19