

# Linux Test

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<b>Started on</b>	Wednesday, 31 August 2022, 10:03 AM
<b>State</b>	Finished
<b>Completed on</b>	Wednesday, 31 August 2022, 10:46 AM
<b>Time taken</b>	43 mins 37 secs
<b>Marks</b>	21.67/30.00
<b>Grade</b>	72.22 out of a maximum of 100.00
<b>Feedback</b>	Very Good

### Question 1

Complete

Mark 1.00 out of 1.00

Flag question

The following commands will help us identify the number of lines of code written in programcode.c file.

```
$> programcode.c|wc-l
```

Select one:

- ☒ True
- ☐ False

### Question 2

Complete

Mark 1.00 out of 1.00

Flag question



We get the window as show in figure above, which is used to change the themes, background settings of Ubuntu desktop.

Select one:

- ☒ True
- ☐ False

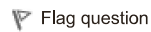
### Question 3

Complete

Mark 0.00 out of 1.00

Identify whether the output of the following commands is true or false?

```
$> mkdir programs  
$> cd programs
```



**\$> mv programs code**

**\$>**

Output: We first create a programs directory and get into the programs directory and change the programs' directory name to 'code'. So we will now be able to access the programs directory with both the names (programs and code ).

Select one:

- ☒ True
- ☐ False

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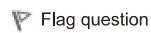
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### Question 4

Complete

Mark 1.00 out of 1.00



Ubuntu, Fedora, Solaris, SUSE are all unix flavours of operating system?

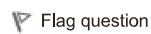
Select one:

- ☒ True
- ☐ False

### Question 5

Complete

Mark 1.00 out of 1.00



We use the command "Alt+T" to open a terminal in Ubuntu environment?(T/F)

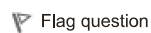
Select one:

- ☐ True
- ☒ False

### Question 6

Complete

Mark 1.00 out of 1.00



Justify whether the commands given below are true or false.

- a. `$>chmod -R 744 programming` ---> This command is used to assign read, write, execute permission to owner and readonly for all others on programming folder.
- b. `$> chown -R www-data:www-data` ---> This command is used to change the ownership of all the folders and subfolders including files, under current directory to www-data user.

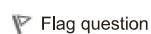
Select one:

- ☒ True
- ☐ False

### Question 7

Complete

Mark 1.00 out of 1.00



What do you mean by "Commands " in linux environment ?

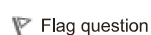
Select one:

- ☐ None of these
- ☐ Seldom size of 6 or more characters
- ☒ Words keyed to cause some actions to take place
- ☐ Are generally not case sensitive

### Question 8

Complete

Mark 1.00 out of 1.00



Ajit wants to create a soft link on "/etc/java " to point to "/usr/bin/java". how would you help him setup the link.

Select one:

- ☐ None of them
- ☒ In `-s /etc/java /usr/bin/java`
- ☐ In `/etc/java`

☐ In /usr/bin/java

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### Question 9

Complete

Mark 0.00 out of 1.00

Flag question

Sachin wants to know the list of commands related to directories. So what command should he use to get the output?

Select one:

- ☒ `$>man -k directories`
- ☐ `$>echo $MAN`
- ☐ `$>apropos directories`
- ☐ All of these

### Question 10

Complete

Mark 0.00 out of 1.00

Flag question

Kiran wants to save the home directory listing to "filelist.txt" file and count the number of lines in the file without opening the file.

Select one:

- ☐ `$> ls>wc`
- ☐ None of them
- ☐ `$> ls-l>filelist.txt, $> wc-l filelist.txt, $> ls-l|wc-l`
- ☒ `$>wc -l > filelist.txt`

### Question 11

Complete

Mark 1.00 out of 1.00

Flag question

How do you change the current directory to '/etc/java/bin' and append this path to existing PATH settings?

Select one:

- ☐ a. `$>echo $HOME`  
`$SET PATH=/etc/java/bin`
- ☐ b. `$>echo $HOME`  
`$>cd /etc/java`  
`PATH=/etc/java`
- ☒ c. `$>cd /etc/java/bin`  
`$>PATH=$PATH:/etc/java/bin`
- ☐ d. `$>echo $HOME`  
`$>path=/etc/java`

### Question 12

Complete

Mark 1.00 out of 1.00

Flag question

What do you mean by 'processes' in unix environment?

Select one:

- ☒ All of them
- ☐ Unix commands that run in terminal
- ☐ Anything thats running in linux
- ☐ Videos, shell scripts, etc.

### Question 13

Complete

Mark 0.00 out of 1.00

Flag question

Identify the commands used to "edit and sort" contents of a file

Select one:

- ☐ `$> make`
- `$> rm`
- `$> ls -R`

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[Show one page at a time](#)[Finish review](#)**Question 14**

Complete

Mark 1.00 out of 1.00

Flag question

- ☐ \$> cut  
\$> sort  
\$> paste  
☒ \$>sort  
\$>edit  
\$> su  
☐ None of them

For a Bash environment, predict the output:

**cdeep@cdeep:\$>echo \$SHELL**

Select one:

- ☐ /bin/sh  
☐ /bin/csh  
☒ /bin/bash  
☐ /bin/ksh

**Question 15**

Complete

Mark 1.00 out of 1.00

Flag question

Khan wants to check the contents of the queues.c file without opening the file.

What command should he use to see the contents?

Select one:

- ☐ \$ type queues.c  
☐ None of them  
☒ \$> cat queues.c  
☐ \$> vi queues.c

**Question 16**

Complete

Mark 0.00 out of 1.00

Flag question

Ravi wants to install 'Google Chrome' browser in Ubuntu 10.9LTS. What admin tool should he use to install it?

Select one:

- ☐ Synaptic Package Manager  
☐ None of these  
☒ Package Manager  
☐ Application Manager

**Question 17**

Complete

Mark 1.00 out of 1.00

Flag question

Identify the internal shell command?

Select one:

- ☐ \$> ls  
☐ \$> man  
☒ \$> echo  
☐ \$>ps

**Question 18**

Complete

Mark 1.00 out of 1.00

Sudha wants to check the file permissions given to her folder and files by sys-admin. What command should she use to get the results?

Select one:

Flag question

- ☐ ln
- ☐ chmod
- ☒ ls -l
- ☐ ln -s

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### Question 19

Complete

Mark 1.00 out of 1.00

Flag question

Maya wants to check on which day of the week does her birthday fall in 05 May 1981 using the calendar feature from the command line. What command should Maya use?

Select one:

- ☐ \$> cal 1981 12 05
- ☐ \$> cal 5 12 1981
- ☒ \$> cal 5 1981
- ☐ \$> cal 12 05 1981

### Question 20

Complete

Mark 1.00 out of 1.00

Flag question

Ajay wants to find number of lines in "trees.c" file without opening the file. How would you help him?

Select one:

- ☐ wc
- ☐ wc > trees.c
- ☒ wc -l trees.c

### Question 21

Complete

Mark 1.00 out of 1.00

Flag question

How to change the Theme of desktop in Ubuntu 10.10?

Select one:

- ☐ Places->System->Desktop->Appearance
- ☒ System->Preference->Appearance
- ☐ Applications->System Tools->Office->Appearance
- ☐ Applications->Accessories->System->Preference->Appearance

### Question 22

Complete

Mark 1.00 out of 1.00

Flag question

How do we capture command errors generated from incorrect commands and save them to "errorlog.txt" file?

Select one:

- ☐ \$>wc > errorlog.txt
- ☐ None of them
- ☐ \$>wc rem>errorlog.txt
- ☒ \$> wc rem -2>errorlog.txt

### Question 23

Complete

Mark 1.00 out of 1.00

Flag question

Harish wants to calculate travel expenses and save them to a excel sheet. How would you help him?

Select one:

- ☐ Applications->Calculator
- Applications->Office->Openoffice Spreadsheet
- ☐ System->Calculator
- Applications->Office->Openoffice Spreadsheet

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**Question 24**

Complete

Mark 1.00 out of 1.00

Flag question

Identify the steps to initiate and configure Synaptic package Manager in Ubuntu 10.11

Select one:

- ☒ System->Administration->Synaptic Package Manager
- ☐ Applications->Accessories->System->Synaptic Package Manager
- ☐ None of the Above
- ☐ Places->System->Synaptic Package Manager

**Question 25**

Complete

Mark 1.00 out of 1.00

Flag question

What is the command used to check the pid of all the processes current running in Linux environment?

Select one:

- ☐ None of them
- ☐ su
- ☐ ps -f
- ☒ ps -ef

**Question 26**

Complete

Mark 1.00 out of 1.00

Flag question

Kishore plans to assign read,write and execute permissions to resume.pdf file and assign read-only rights to group and others who access the file.How would you help him?

Select one:

- ☐ \$>chgrp -R resume.pdf
- ☒ \$>chmod -R 744 resume.pdf
- ☐ \$>chmod -R resume.pdf
- ☐ \$>chmod -R 755 resume.pdf

**Question 27**

Not answered

Marked out of 1.00

Flag question

Identify the parent and child pid's for the current shell process from the given source:

```
root@t-1:~# ps -f
UID      PID  PPID  C  STIME TTY      TIME CMD
root    5987  5843  0  18:54 pts/1    00:00:00 sudo su -
root    5988  5987  0  18:54 pts/1    00:00:00 su -
root    5996  5988  6  18:54 pts/1    00:00:00 -su
root    6051  5996  0  18:54 pts/1    00:00:00 ps -f
root@t-1:~#
```

( Please provide your answer with "." inbetween the pid and parent pid eg : 1234.1234) to accept the response.

Answer: **Question 28**

Not answered

Identify the pid of the parent process from the source given below:

Marked out of 1.00

Flag question

```
ttt@t-1:~$ ps -f
UID      PID  PPID  C  STIME TTY      TIME CMD
ttt    5843  5837  2  18:46 pts/1    00:00:00 bash
ttt    5898  5843  0  18:46 pts/1    00:00:00 ps -f
ttt@t-1:~$
```

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Question 29

Not answered

Marked out of 1.00

Flag question

Identify the file size of the "TechfestparticipantsList" from the source given below:

```
$>du -h
12K  ./laptopstuff/stcu/stcu/.git/objects/05
8.0K  ./laptopstuff/stcu/stcu/.git/objects/64
1.2M  ./laptopstuff/stcu/stcu/.git/objects
8.0K  ./laptopstuff/stcu/stcu/.git/refs/heads
4.0K  ./laptopstuff/stcu/stcu/.git/refs/tags
8.0K  ./laptopstuff/stcu/stcu/.git/refs/remotes/origin
12K  ./laptopstuff/stcu/stcu/.git/refs/remotes
28K  ./laptopstuff/stcu/stcu/.git/refs
8.0K  ./laptopstuff/stcu/stcu/.git/logs/refs/heads
8.0K  ./laptopstuff/stcu/stcu/.git/logs/refs/remotes/origin
12K  ./laptopstuff/stcu/stcu/.git/logs/refs/remotes
24K  ./laptopstuff/stcu/stcu/.git/logs/refs
32K  ./laptopstuff/stcu/stcu/.git/logs
4.0K  ./laptopstuff/stcu/stcu/.git/branches
1.4M  ./laptopstuff/stcu/stcu/.git
2.6M  ./laptopstuff/stcu/stcu
2.6M  ./laptopstuff/stcu
1.5M  ./laptopstuff/TechfestParticipantsList
11M   ./laptopstuff
```

Please enter the filesize in Mb. (only numeric)

Answer:

Question 30

Complete

Mark 0.67 out of 1.00

Flag question

Select the correct pair of keyboard shortcuts?

Shortcut keys used to start a terminal window?

Alt+Ctrl+T ▼

Key used to scroll the history of commands executed recently within a session

Up and Down Arrow keys ▼

Key used to autofill the commands typed recently within a session

Up and Down Arrow keys ▼

Finish review

You are logged in as [VISHWAJEET KUMAR](#) (Logout)

LNXP001