

Knowledge Test- UNIX	
Full Name:	
Date:	

1. What command would you execute to know the total size of disk space of the current directory and subdirectories?
 - a) du
 - b) df
 - c) ls
 - d) ls -ARgo "\$@" | awk '{q += \$3} END {print q}'
2. What happens when you execute the command **rm -rf dir1 dir2** in a Unix environment?
 - a) Remove the contents of the directories dir1 and dir2.
 - b) Simulates the removing of the directory dir1 and deletes the contents of the directory dir2
 - c) Copy the directory dir1 into dir2 and then delete dir2.
 - d) Remove the directories dir1 and dir2 recursively with their contents.
3. What command would you run to change the name of an existing group in the Linux operating system?
 - a) groupmod --renew new_group_name old_group_name
 - b) groupmod -n new_group_name old_group_name
 - c) groupch -n new_group_name old_group_name
 - d) mkgroup -h new_group_name old_group_name
4. What command would you execute to see the first 5 lines of a file on Unix?
 - a) head -5 file1

- b) head +5 file1
 - c) more +5 file1
 - d) tail -5 file1
5. What command would you execute to show all the directories and files that have numbers?
- a) ls *[0-9]
 - b) ls [0-9]
 - c) ls *[0-9]*
 - d) ls *[0-999999]
6. What is displayed on the console after executing the **ls -lh** command?
- a) All the files of the Unix system
 - b) All system users
 - c) The help of the **ls** command.
 - d) Shows the permissions of the files in the current directory.
7. What command would you execute to extract the morita.tar file?
- a) tar -xvf archive.tar
 - b) tar -xvf morita.tar
 - c) tar -cvf morita.tar
 - d) tar -liu morita.tar
8. What is displayed on the console when **top** command is executed?
- a) All system users.
 - b) A detailed files list of the current directory
 - c) The active environment variables of the linux system

- d) Resources per process that are consuming memory and cpu
9. What signal is sent to the process when kill -2 3457 command is executed?
- a) SIGINT
 - b) SIGCAT
 - c) SIGKILL
 - d) SIGHUP
10. What signal is sent to the process when kill -1 3457 command is executed?
- a) SIGINT
 - b) SIGQUIT
 - c) SIGSYS
 - d) SIGHUP
11. What command would you execute to change the name of a directory?
- a) mv dir1 new_dir1
 - b) cat dir1 new_dir1
 - c) rm dir1 new_dir1
 - d) move dir1 new_dir1
12. Unix operating systems like Linux are not considered multitasking systems
- a) True
 - b) False
13. What command would you execute to show in console the current directory?
- a) find . -name directory
 - b) ls -M

- c) pwd
- d) cat

14. What is displayed on the console when **wc -w saltos.txt** command is executed?

- a) The number of lines in the file.
- b) The number of bytes of the file.
- c) The number of words in the file.
- d) The number of characters of the file.

15. What command is executed to show the following output:

```
logs
— brm_rcu_create.log
— brm_rcu_drop.log
— log_contrato1
— log_contrato2
— log_contrato3
— log_contrato4
— rcu_pdc_create.log
— rcu_pdc_drop.log
— start_bre_transformer.log
```

- a) print directory
- b) echo directory
- c) ls -Rfg logs
- d) tree

16. What command do you use to insert characters when you are editing a file in vim?

- a) a
- b) b
- c) j
- d) i

17. What command do you use to add a new line after the current line when you are editing a file in vim?
- a) o
 - b) b
 - c) f
 - d) h
18. What command do you use to count the number of words in a file?
- a) `wc -l archive.txt`
 - b) `grep -c Word archive.txt`
 - c) `find . -name "file.txt"`
 - d) `wc -n Word archive.txt`
19. You can use the Y or yy to copy a line and m or M to insert in Vim editor
- a) True
 - b) False
20. If you want to search the files with permissions for user, group, and others in this form (-rw-rw-r—), what command do you execute?
- a) `find . -perm 0774`
 - b) `find . -perm 0664`
 - c) `find . -perm 0644`
 - d) `find . -perm 0444`