Quiz 1: Command line Linux OS Basic

**Question:**

1. Which shell is the default shell used on Linux systems?

A. csh

B. rsh

C. bash

D. tcsh

2. Which file contains the available shells for the system?

A. /etc/passwd

B. /etc/command

C. /etc/bash

D. /etc/shells

3. Which command is used to change the default shell to the Bourne-Again Shell

version 2?

A. chng -s /bin/bash2

B. chsh -s /bin/bash2

C. shell -c /bin/bash2

D. default -shell /bin/bash2

4. What is not a correct format for entering commands at the command line?

A. command

B. command options

C. command arguments options

D. command options arguments

5. Multiple commands can be entered on the same command line when sepa-

rated by which character?

A. .

B. ;

C. ,

D. \

6. Which key combination is used to allow a command to span multiple lines?

A. “”

B. \Enter

C. /Enter

D. Tab-Enter

7. Which key, when pressed once, is used to provide command completion at

the command line?

A. Tab

B. Esc

C. Enter

D. Ctrl

8. Which key, when pressed twice, is used to provide command completion at

the command line?

A. Tab

B. Esc

C. Enter

D. Ctrl

9. The Readline Library uses which editor to provide command-line editing?

A. pico

B. vi

C. emacs

D. edit

10. Keyboard bindings can be viewed using which command?

A. bind -keys

B. bind -v

C. display -keys

D. display –v

11. Which file contains the system-wide variables on a system with a bash shell?

A. /bash

B. /bin/bash

C. /etc/bash

D. /etc/profile

12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_would run a script called update\_mozilla stored in your

home directory, from that directory.

13. When making changes to an environment variable what command must you

use to ensure that those changes are available to the shell?

A. save

B. remember

C. export

D. echo

14. Which environment variable is used to customize the shell prompt?

A. PS1

B. prompt

C. shell

D. display

15. Which file contains the assignment of user’s home directories?

A. /etc/home

B. /etc/profile

C. /etc/passwd

D. /etc/users

16. Which command displays a listing of previously entered commands?

A. commands

B. review

C. history

D. export

17. Which key allows you to view the last command entered?

A. down arrow

B. up arrow

C. right arrow

D. left arrow

18. Which command allows you to use the default editor to edit several com-

mands from the history file?

A. history

B. edit

C. fc

D. view

19. It is possible to run commands that are not located in a directory listed in the

PATH if you know the full path and command name.

A. True

B. False

20. The \_\_\_\_\_\_\_\_\_\_\_ command is used to view a snapshot of the processes run-

ning on a system.

**Answer**

1. C. The default shell used on Linux systems is bash.

2. D. The /etc/shells file contains a listing of available shells.

3. B. The chsh command is used to view and change shell settings.

4. C. Command options precede arguments when entered at the command line.

5. B. A semicolon (;) is used to separate multiple commands on a single com-

mand line.

6. B. The backslash (\) key causes whichever key follows it to be ignored. This

allows the Enter key to be ignored and the command to be continued on the

next line.

7. A. The Tab key provides command completion when pressed once.

8. B. The Esc key provides command completion when pressed twice.

9. C. By default, the emacs editor is used with the Readline Library.

10. B. The bind -v command allows keyboard bindings to be viewed.

11. D. The /etc/profile file stores the system-wide variable statements using

the bash shell.

12. ./update\_mozilla. When running a command from the pwd, the command

name is preceded by a period and slash (./), which specifies that the com-

mand is in the current directory.

13. C. The export command causes changes to an environment variable to be made available to the user’s shell.

14. A. The PS1 variable is used to make changes to the prompt.

15. C. The /etc/passwd file contains the assignment of the user’s home directo-

ries.

16. C. The history command displays the previously entered commands that are

stored in the user’s .bash\_history file.

17. B. The up arrow is used to cycle through previously entered commands.

18. C. The fc command allows you to edit previously entered commands using

the default editor.

19. A. Commands can be run using the full path as long as the user has the neces-

sary file permissions

20. ps. The ps command is used to view a snapshot of processes running on the

system.