Module 4 - Quiz

1. Which command syntax is correct if you want to assign read only permission to everyone and write permission to the owner of the file?
   a. chmod a+r u+w filename
   b. chmod a+r filename
      chmod u+w filename
   c. chmod a+w filename
      chmod u+r filename
   d. chmod g+r filename
      chmod u+w filename
2. Which command is used to change file ownership?
   a. chowner
   b. chgrp
   c. chmod
   d. **chown**
3. Why do we need pipes?
   a. To connect user with a new command
   b. To further process the input of the preceding command
   c. **To further process the output of the preceding command**
   d. To join two files
4. List 3 basic commands of file navigation?
   a. **ls, pwd, cd**
   b. ls, pwd, chmod
   c. pipe, pwd, cd
   d. ls, chgrp, cd
5. Which command is used to remove a directory?
   a. **rm -r DIRECTORYNAME**
   b. rm DIRECTORYNAME
   c. mv -r DIRECTORYNAME
   d. rm –i DIRECTORYNAME
6. Which command is used to change group ownership of a file?
   a. **chgrp**
   b. chgroup
   c. chown
   d. chmod
7. What are the different ways to view a file?
   a. cat
   b. vi
   c. more

    d. less

    e. **All of the above**

8. How to rename a file?

    a. rename

    b. **mv**

    c. rm

    d. chown

9. Which command is used to search for a key word or pattern in a file?

    a. awk

    b. sort

    c. **grep**

    d. echo

10. What is the purpose of sort command?

    a. It cuts the file in half

    b. It sorts the output of a command

    c. It sorts the output of a file

    d. None of the above

    e. **B and C**

11. Why do we need to use help or man commands?

    a. It helps us remember the commands

    b. It helps us remember the command options

    c. **It helps us remember the purpose of a command and its options**

    d. Help commands are useful to list directory contents

    e. All of the above

12. What happens when you run the following command:

    echo "Today is Sunday" >> testfile

    a. It overwrites testfile with "Today is Sunday"

    b. **It appends testfile with "Today is Sunday"**

    c. It deletes the testfile and re-creates a new file with a name "Today is Sunday"

    d. It adds to the top of testfile

13. Which of the following is used to add read and write permission to the owner and group of the source.txt file?

    a. chmod a+rw source.txt

    b. **chmod ug+rw source.txt**

    c. chmod source.txt ug+rw

    d. chmod ug+rx source.txt

14. What is the output of command wc -l file.txt if the file contents are:

    firstline

Secondline
thirdline
fourthline

    a. 4 file.txt
    b. 5 file.txt
    c. 6 file.txt
    d. 8 file.txt

15. There are 10 lines in a file, how do yo print lines between 6 and 9 (all Inclusive)

    a. cat somefile.txt | tail -5 | head -4
    b. cat somefile.txt | tail -6 | head -4
    c. cat somefile.txt | head -6 | head -2
    d. cat somefile.txt | tail -4 | head -4