CSC2209 OS [B] Midterm Lab Test (20%) (00216 OPERATING SYSTEM [B][SUMMER 20-21])

Answer all questions.
Time: 20 Min
Total Marks: 20%

1. ID: *

> 19-39293-1

2. Name: *

> Md. Shahriar Abir

3. What does the command - grep "18-12345-1" data.txt do?
   (1 Point)

   ○ none of these

   ○ grep command prints all contents of data.txt except 18-12345-1

   ● the grep command searches for 18-12345-1 in the data.txt file

   ○ the grep command appends 18-12345-1 in the data.txt file

4. The print first few lines of a text type file, which one of the following command can be used?
(1 Point)

- ◉ head

- ○ tail

- ○ tree

- ○ ls

5. What does the command - grep "Dhaka" data.txt do?
(1 Point)

- ◉ the grep command searches case sensitive of the text Dhaka in the data.txt file

- ○ none of these

- ○ the grep command prints all contents of data.txt except Dhaka

- ○ the grep command searches case insensitive of the text Dhaka in the data.txt file

6. Suppose that you need to add add write permission to file.txt for group, which one of the following command can be applied?
(1.5 Points)

- ○ chmod g-w

- ○ chmod g-x

- ○ chmod g+x

- ◉ chmod g+w

7. Which one of the following remove commands works to remove a directory?
(1 Point)

- ◉ rm

- ○ rm -R

○ none of these

○ cat

8. Which one of the following command is used to change file permission?
   (1 Point)

   ○ none of these

   ⦿ chmod

   ○ ls -l

   ○ chown

9. To create an empty file, which one of the following command is usually used?
   (1 Point)

   ⦿ touch

   ○ none of these

   ○ mkdir

   ○ cd

10. What does the command rm -R *.* do?
    (1 Point)

    ○ none of these

    ⦿ Removes all files of the current directory

    ○ Removes all files of the parent directory

    ○ Removes all files of the hard disk

11. Suppose that you need to give read, write and execution permission for user, read, write for group, and only read permission for other, which one of the following numeric permission command can be applied to file.txt?
    (2 Points)

○ chmod 664 file.txt

○ chmod 755 file.txt

◉ chmod 764 file.txt

○ chmod 754 file.txt

12. Which one of the following command is most suitable for printing OS system details in terminal?
(1 Point)

◉ uname -r

○ uname -a

○ none of these

○ uanme

13. Suppose that you need to create a directory called lab-tasks, what is correct command for creating such a directory?
(1 Point)

○ nano lab-tasks

◉ mkdir lab-tasks

○ touch lab-tasks

○ rmdir "lab-tasks"

14. What does pwd command shows?
(1 Point)

◉ The path of the present working directory

○ The path of the present working file

○ All files and directories in the present working directory

○ None of these

15. What does the command - cat file1.txt file2.txt >> file3.txt
    (1 Point)

   - ⦿ concatenates file contents of file1.txt and file2.txt and writes it to file3.txt

   - ◯ replaces file content of file3.txt with file2.txt

   - ◯ replaces file content of file3.txt with file1.txt

   - ◯ none of these

16. Which command is used to move a file from source to destination directory?
    (1 Point)

   - ◯ rename

   - ◯ ls

   - ◯ cp

   - ⦿ mv

17. Suppose that you need to remove execution permission to file.txt for others, which one of the following command can be applied?
    (1.5 Points)

   - ◯ chmod o+x

   - ⦿ chmod o-x

   - ◯ chmod u+x

   - ◯ chmod +x

18. What does the command - ps aux | grep terminal
    (1 Point)

   - ◯ it prints all processes

   - ⦿ it prints only terminal process details

   - ◯ it prints only chrome process with process details

19. Which of the following commands can be used to print a text file content in the terminal?
(1 Point)

- [ ] less

- [ ] more

- [x] cat

- [ ] none of these

20. Which one of the following command can print files and folders recursively?
(1 Point)

- ( ) tree

- ( ) tail

- (•) ls

- ( ) touch