Name: _____   Date: _____

Midterm: UNIX and Linux Text Editors

1. What is the name of the common program that is typed into the ext editor that will automatically execute keyboard commands?
   a. letter   b. expression   c. editor   d. script

2. Who created the Linux kernel?   [   ]

3. Who created the Unix?   [   ]

4. How many versions of Linux are there according to linux.org?   [   ]

5. The American Standard Code for Information Interchange was created to encode _____ into numbers for computer programmers.
   a. Touchscreen   b. Keyboard   c. VI editor files   d. Unix syntax
      locations   characters

6. There are _____ characters in the ASCII system.
   a. 64   b. 1024   c. 512   d. 256

7. What is the decimal representation for the capital letter G in ASCII?
   a. 70   b. 71   c. 72   d. 73

8. 85% of _____ use Unix or Linux servers?
   a. Supercomputer   b. Web servers   c. DNS servers   d. File servers

9. To create a file called "paperwork" in the VI Editor, we type
   a. vi editor "paperwork   b. editor "paperwork"
   c. vi paperwork   d. vi edit paperwork

10. What VI editor commands will allow us to repeat the inserting of our previous text after press the Esc key?
   a. .   b. ..   c. .repeat.   d. …

11. To insert five lines of notes in the "paperwork" file, we type ____ in the command mode.
   a. ins   b. ;   c. i   d. b

12. After typing the five lines of notes in the "paperwork" file, we wish to exit the inserting phase. What do we press?
   a. Exit   b. q   c. Ex   d. Esc

13. There are three modes in the VI Editor. Which mode allows the user to enter commands to perform editing tasks? (circle correct answers)
   a. Insert mode   b. Ex mode   c. Esc mode   d. Command mode

14. In the file "paperwork", we wish to place the cursor at the third line to insert another line of text, so we type _____ in the command mode.

    a. 3G   b. 3g   c. g3   d. G3

15. We decide to delete the second line of text is the file "paperwork", so after placing the cursor at the second line, we type

    a. del 2G   b. dd G2   c. dd   d. del

16. To save the work done in the "paperwork" file and continue editing, we type

    a. :w   b. :W   c. ;w   d. !W

17. What character(s) will allow you to run more than one Linux command at a time?

    a. ;   b. ;;   c. .   d. ..

18. To save your work and exit the file "paperwork", we type

    a. :q   b. :x   c. :w   d. :esc

19. What VI editor command will paste 2 lines after we recently cut them from the file?

    a. p   b. ctrl -v   c. paste   d. ctrl-c

20. This VI editor command will move you back one letter at a time.

    a. B   b. b   c. l   d. L

21. What VI editor commands will allow us to undo the most recent change?

    a. reset   b. u   c. :u   d. u:

22. We wish to exit and not save in the VI editor, so we type

    a. :q!   b. :q?   c. :q exit   d. :q esc

23. The Bash command that will concatenate files together is

    a. less   b. more   c. conc   d. cat

24. What Bash command will allow us to list the files and folders in a directory?

    a. cr   b. cat   c. pwd   d. ls

25. What two bash commands have very similar syntax when typing the expression? (circle 2)

    a. mo   b. co   c. mv   d. cp

26. To create an empty file named "procedures", we type

    a. > procedures   b. < procedures   c. !procedures   d. --procedures

27. What Bash command will allow as to see the computer time as Greenwich time

    a. date -gmt   b. date - g   c. date - umt   d. date - u

28. The expression to make a new folder called "LAN_work" is

    a. mkdir LAN_work   b. cd LAN_work

    c. dir LAN_work   d. make LAN_work

29. To make a new folder in Unix, we use a _____ command.

    a. VI editor   b. Ex Mode   c. Bash   d. Insert

30. To remove the new file, procedures after copying it to our flash drive, we type
    a. rm flash   b. rem procedures   c. rv procedures   d. rm procedures

31. What keyboard entry closes the file when we are using the cat Bash command?
    a. ctrl-q   b. ctrl-c   c. ctrl-d   d. ctrl-v

32. To combine the data in file d1 and d2 into a new file d3, we can type?
    a. paste d1 d2 > d3   b. cat d1 d2 < d3
    c. mkdir d1 d2 > d3   d. d1 + d2 = d3

33. What character do we type to create a new file in the expression cat _____ newfile
    a. <   b. >   c. -   d. !

34. The answer to this Bash command says that DSmith is logged on to the system.
    a. pwd   b. who   c. whois   d. ls

35. When we type .. in as a Bash command, we will

    a. step down one folder level   b. return to the root directory one folder level   c. stay at the same directory level   d. nothing will happen

36. The cd \ tohome is not working. What is wrong? (circle 2)
    a. Remove the "to"   b. The \ should be /   c. cd should be chdir   d. The home should be "root"

37. Write an expression that makes a new folder called Customer.

38. Write an expression that copies the file "phone1" to the Customer folder.

39. Write an expression that moves the file "client" to the Customer folder.

40. Write an expression that creates a new file called "Wages" without any content.

41. Write an expression that reads the text file "Max_costs".

42. What was the computer game that caused the creation of UNIX? _____