Long Questions:

1. Explain directory structure of unix. [2015,16, 2018]

2. explain booting sequence with init process. [2015,2014,2017]

3. explain features of shell. [2014,2016(2), 2018]

4. explain features of Unix OS. [2016,17_2] and Or different types of files used in unix system. [2018]

5. explain UNIX kernel structure architecture? [2014] Or function of kernel. [2018] devise management of unix system. [2017]

6. what is the purpose of boot block? what it consist of? [2014]

7. explain content of I-node block. [2014,2016] OR content of I-node table [2017,2018]

8. explain modes of vi editor. [2015,2018]

9. discuss relative and absolute file access permission with example(chmod command). [2015,17]

10. explain command for changing file permission and ownership. [2014,2016, 2018]

11. explain find command. [2015,2014,2018]

12. what do you mean by link? give the difference between soft link and hard link? Also write disadvantages when using softlink. [2015,2016,2017]

13. explain insert, append and change command for sed. [2015,2016,2018_2] OR sed command with example. [2016,2017]

14. Explain commands : date [2015], in [2015], bc[2015,2014,2017], umask [2014,2016,2017], touch[2014], shift[2014], be[2014], ls[2014,2016], kill[2016(2),17], uniq[2016,2018], tail[2017], mv[2017], tr[2017], cut[2018], paste[2018], nice[2018_2]

OR

ls command with all option. [2017_2,2018]

sort command with all options. [2017]

15. explain at and batch command. [2014,2016(2),2017]

16. explain expr command for string manipulation. [2014,16,17,2018_2]

17. explain any two communication between user's commands in unix. [2015]

18. write a note on pattern matching feature of awk utility giving an example. [2015] Or function of awk. [2018]

Or same for grep command [2017]

19. write a note on different role played by shell suring the program execution. [2014]

20. Write note on grep utility. [2014(2),2016(2),2017]

21. test command with example. [2016,2017,2018]

22. explain pattern matching features of grep utility. [2014]

23. explain system variables. [2014]

24. explain hash arrays. [2014,16]

25. explain four built-in functions. [2014]

26. explain command line interpretation of the shell. [2014,2016,2017_2]

27. explain for loop with example. [2014,2016,2017]

28. give significance of special parameters used by shell. [2014, 2017]

29. ps command with example. [2016,2017]

30. explain standard input, output and error file in unix. [2017]

31. case statement in unix. [2018]

short questions:

1. Explain purpose of super block.[2015,2014,2016,2018]

2. Which command of vi editor is used to display line number before each line?

[2015.2017]

3. what is the function of mv command? [2015,2014,2017,2018]

4. what do you mean by daemon ? list out them. how will you kill

daemon?[2015,2014,2016,2018]

5. what are major and minor number? [2015,2014,2018,2018]

6. what does etc/passwd contain? [2014,2018]

7. what is purpose of /bin and /temp directory of unix file system? [2014,2017,2018]

8. where the number of free i-node and data block stored? [2014,2018]

9. explain the 3 times stamps maintained in the i-node and how can we access them?

[2017]

10. list out functions of . (dot) [2014,16(2)]

11. which process is created by getty process? [2014,17]

12. explain use of tee command. [2015,2014,17,2018]

13. define redirection. list out symbols used for redirection. [2015,2016(2), 2018]

14. difference between $@ and $*.[2015,16] 100

15. what is the exit status of a command? what is its normal value and where is the value stored? [2014]

16. difference between while and until loop.[2014]

17. what is job? how can we suspend a foreground and background job? [2014]

18. what is the difference between scheduling process using batch command and using at command? [2014]

19. what information contain by $? and $# ? [2014]

20. what happen when cd command is run without arguments? [2014,2014_atkt,2017,2018]

21. explain -u,-n,-r option of sort. [2016(2), 2018_2]

22. when wild card character loose their meaning? [2016,17]

23. what will be the file and directory permission when the command umask 777 is used?. [2016]

24. what do you mean by sticky bit? [2016,2017,2018]

25. where the no of i-node and data block stored? [2016,17]

26. purpose of -n option with sed. [2017]

27. how can you make out two files are copies or links? [2017]

28. define external and internal command in unix. [2017]

29. what is command substitution? [2017]

30. what is write command? [2018]

31. devise a pipeline sequence which lists three smallest files in the current working directory. [2018]