

B.C.A. DEGREE EXAMINATION – NOVEMBER 2018
FIFTH SEMESTER

COURSE : MAJOR ELECTIVE
PAPER : LINUX PROGRAMMING
TIME : 1 ½ HOURS

MAX. MARKS: 50

SECTION – A

Answer all the questions

(10 x 1 = 10)

Choose the best answer:

1. Find the ODD man out
a. Bourne Shell b. C Shell c. Q Shell d. Korn Shell
2. By default, Head command is used to display first _____ lines of a file
a. 20 b. 10 c. 5 d. 15
3. The _____ parameter is used to store the complete set of positional parameters as a single string.
a. * b. # c. ? d. !
4. Which command is used to delete the last line in a file?
a. sed *d b. sed ^d c. sed \$d d. sed #d
5. The letter used to denote *execute* permission to the user is _____.
a. u b. x c. g d. r

Fill in the blanks:

6. _____ is the interface between the user and the kernel.
7. _____ command is used to display the output of a command and copies it into a file.
8. _____ command is used for command substitution.
9. _____ block represents the beginning of the block system.
10. The awk command uses _____ as the default delimiter.

SECTION B

Answer ALL the questions:

(5 x 2 = 10)

11. How will you find the number of users currently logged in without using wc command?
12. Expand GREP.
13. What do you mean by Shell Script?
14. What is Associative Array?
15. Write the syntax of chown command?

SECTION C

Answer any SIX of the following:

(6 x 5 = 30)

16. Explain in detail about the features of Unix Operating System.
17. Discuss any five text processing utilities.
18. What is the use of grep command? Explain the options involved in it.
19. Explain the options involved in sort command.
20. Explain the looping statements available in Unix.
21. Write a shell script which deletes all lines containing the word UNIX in the files supplied as arguments to this shell script.
22. Explain any five string functions in Unix.
23. Discuss the logical division of Unix File System.
