

IV Semester B.C.A. Degree Examination, May 2011
(Y2K8 Scheme)
Computer Science
BCA406 : UNIX PROGRAMMING

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer **any ten** questions :

(10×1=10)

1. What is the use of who command ?
2. Mention the commands used to create file.
3. What is the use of ln command ?
4. What is the use of nice command ?
5. Which is the command used to make the file system ?
6. How the number of words in file can be counted ?
7. What is interrupt ?
8. Mention the different modes of vi editor ?
9. What is system defined variable ? Give one example.
10. Write the syntax of if statement.
11. What is the use of wall command ?
12. What are Daemons ?



SECTION – B

Answer **any five** questions :

(5×3=15)

13. Explain different types of command with example.
14. Explain file permissions.
15. Explain process scheduling commands.
16. Explain the disk partitioning.
17. Explain system calls with example.
18. Explain the positional parameters.
19. What is the use of write, wall and mail commands ?
20. Explain user management in unix.

SECTION – C

Answer **any five** questions :

(5×7=35)

21. a) Explain the salient features of UNIX.
b) Explain the command to change file permission. (4+3)
22. Explain the different blocks in file system.
23. a) Explain the different states of process.
b) Explain the usage of nohup command. (4+3)
24. a) Explain file compression.
b) Explain disk related commands. (4+3)
25. What is filter ? Explain the filter commands with example.
26. Explain different testing with example.
27. What is control statement ? Explain different if statements with example.
28. Write a shell script to count the number of vowels in a given string.