

July 2009**Bachelor of Computer Application (BCA) Examination
IV Semester****Unix Operating System**

Time : 3 Hours]

[Max. Marks : 50

Note- Attempt any five questions. All questions carry equal marks.

1. (a) How background process can run in Unix O.S.? What is the use of it?
(b) Explain Unix File System with example.
2. Explain following commands-
 cmp, ls, chmod, pr, head, tail, cut, mu, lp, wc.
3. (a) What is the use of filter in Unix? Explain sort, nl commands.
(b) How to terminate a running job in Unix? Write use of grep command.
4. (a) What are Shell Variables? How to use them in shell program?
(b) Write a shell program to search a pattern given by user in a file.
5. (a) Explain following communication commands-
 (i) mail
 (ii) write
 (iii) mesg
(b) What are the different types of shell available in Linux? What is the role of shell in O.S.?
6. (a) What are main activities are performed by Administrator?
(b) How to use following devices in Unix - (write process)
 (i) Pen Drive
 (ii) Printer

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