

September 2011**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) What are key features of UNIX Operating System?
(b) Briefly explain the use of following commands with a suitable example :
(i) pwd (ii) cp (iii) rm
(iv) chmod (v) mv.
2. (a) Define Shell. Enlist various shell available with UNIX. What is shell script ?
(b) Explain any five UNIX utilities.
3. (a) Explain grep and fgrep filters with suitable example.
(b) Explain use of ps and kill commands. How to set a process to execute in background?
4. (a) Explain syntax of if, while, for, case and until statements in Shell Scripts.
(b) Explain how can schedule a job to be executed periodically in UNIX.
5. (a) Write a shell program to count the pattern "DAVV" in a file.
(b) Explain pipe and redirection in UNIX.
6. (a) Write a note on File System Structure in UNIX.
(b) Write a note on Security and Backup features of UNIX.

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