

Code: R7411902

R7

IV B.Tech I Semester (R07) Supplementary Examinations, May 2012

UNIX PROGRAMMING

(Electronics & Computer Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. (a) Explain in detail about the features of Unix operating system.
(b) Explain the following commands:
(i) Path (ii) date (iii) mkdir (iv) rmdir
2. (a) Discuss with examples, the file permissions in unix.
(b) Differentiate between the following:
(i) egrep and fgrep (ii) cmp and diff (iii) Tail and head
3. (a) What is a job? Distinguish between foreground and background jobs.
(b) What are the two operators that make the execution of commands conditionally? Explain them.
(c) Give brief description about the field specifications.
4. (a) Draw and explain the flowchart of grep command.
(b) Discuss in detail about the grep family.
5. (a) Write a short note on addresses.
(b) Explain with examples the various flags and their usages.
6. (a) Define a buffer list and explain the different buffers in awk.
(b) Give brief description about mathematical and relational expressions in korn shell.
7. (a) Write a short note on features of C shell.
(b) What command is used in C shell to output the statement? Explain the various options of it with example.
8. Explain the following system calls with its syntax and example.
(i) lseek (ii) umask (iii) chmod (iv) chown
