

R7

Code: R7 210506

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

UNIX AND SHELL PROGRAMMING

(Common to CSE and IT)

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 with their syntax and examples.
(i). tar (ii). pwd (iii). mkdir (iv). cat (v). man.
- 2 (a) Give brief description about the different text processing utilities.
(b) Discuss in detail about the various remote login commands available with unix.
- 3 (a) Write in detail about the standard filters present in unix.
(b) Explain the use of the following commands with their syntax
(i). diff (ii). comm. (iii). head (iv). tail.
- 4 (a) Present a detailed note on the different forms of grep.
(b) Explain, how to pass to arguments to sed.
- 5 (a) Describe in detail about the various conditional expressions present in awk.
(b) Write a awk script to count the number of lines, words present in a file.
- 6 (a) Give brief description about the variables present in korn shell.
(b) Draw and explain the flowchart for korn shell startup process.
- 7 (a) Explain the relational expression with examples that are present in C shell.
(b) Describe in detail about the multiway selection statements present in C shell.
- 8 Write short notes on the following system calls:
(a).create (b). read (c). symlink (d). fstat.
