

Code :07A3EC17b

RA

III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011

UNIX & SHELL PROGRAMMING

(Information Technology)

(For students of R05 regulation readmitted to III B.Tech II Semester R07)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. What are the four components of a UNIX file system? Explain their usage in detail.
2. There are five files available. How would you replace all occurrences of the word 'printf' in these files with the word 'PRINTF'.
3. Use a pipeline and command substitution to set the length of a line in emp.dat to a variable.
4. How sed works? Explain with suitable examples.
5. (a) What are the different types of operators used in awk shell script discuss?
(b) Discuss debugging scripts in detail.
6. (a) Explain the length function formats with suitable examples.
(b) Explain the index function formats with suitable examples.
(c) Explain the substring function formats with suitable examples.
(d) Explain the split function formats with suitable examples.
7. (a) Discuss the command history with an example.
(b) Explain the sorting file contents in C shell.
8. (a) How directories can be created? Explain the procedure for creating directories.
(b) What is the purpose of using the system call umask? Explain with an example.
