

Code.No: 43226

R07

SET-1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
II.B.TECH - I SEMESTER REGULAR EXAMINATIONS NOVEMBER, 2009
UNIX AND SHELL PROGRAMMING

(Common to CSE, IT)

Time: 3hours

Max.Marks:80

Answer any FIVE questions
All questions carry equal marks

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1. a) Explain how Unix commands can be divided into external and internal commands.
b) "UNIX" operating system provides more security than other operating system support your answer.
2. Explain about the UNIX file system.
3. a) Write a shell script to find out whether a given number is prime number or not.
b) Explain the command that eliminates duplicate entries in a file along with options.
4. a) Write a program which use grep to search a file for a pattern and display the search patterns on the standard output
b) What are the different options available in sed.
5. a) How do you delete all blanks lines from a file.
b) Write an awk program to print only the odd numbered lines of a file.
6. a) What is the use of toupper and tolower functions. Explain them with suitable example.
b) Find the line that does not match a regular expression in korn using grep.
7. a) Explain piping in C shell with example
b) Write a C shell program to copy the content of one file to another,
8. Define system call. Explain in detail about the working and syntax of file structure related system calls.
