R07

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. Explain the following commands with their syntax and examples.
   a) man
   b) echo
   c) passwd
   d) date

2. Describe the file handling utiles in detail

3. a) Write a program which receives filenames as command line argument and display those filenames to their sizes.
   b) Write a shell script which will receive any number of filenames or arguments. The shell script should check whether every argument supplied is a file or directory.

4. Explain in detail about grep operation and draw the flow chart with an example

5. Explain awk record and write a program to display student records.

6. a) Explain in detail about the two special files in Korn shell
   b) Differentiate between the special files of C shell and korn shell

7. a) Describe the relation expressions of C shell program
   b) Distinguish between user defined and predefined variables

8. Explain the following system calls with an example.
   a) File handling system calls
   b) Error handling system calls
   c) Process control system calls

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