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) What should be the effect of following commands with an example.
   i) ls-F
   ii) Echo date>foo
   iii) Echo & SHELL
   iv) Echo & HOME
   b) Explain the commands for knowing the system information with an example.

2. Explain the following commands with syntax and example.
   a) sort
   b) pg
   c) awk
   d) cpio

3. a) Explain the working environment or built-in variable of shell
   b) Write a program to open the command ls and give the output to the command through which we count the number of files.

4. List and explain any four of sed modified commands with an example.

5. Write awk program empawk which stores the totals of basic pay, da, hra and gross pay of the sales and marketing people. Assume that da is 5% , hra 50% of basic pay use the to [ ] array to store the totals of each element of pay and also the gross pay.

6. a) Explain the special parameters and variable in korn shell
   b) Explain command execution and command history.

7. Discuss all the files which are used for environment customization in C shell.

8. a) Write a program that list from the current directory with all ordinary files names whose size exceed 100,000 bytes . Also remove all files whose size is 0 byte
   b) Explain about the file structure.

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