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III B.Tech I Semester(R07) Supplementary Examinations, May 2011
UNIX & SHELL PROGRAMMING
(Computer Science & Engineering, Information Technology)
(For students of R05 regulation readmitted to III B.Tech I Semester R07)
Time: 3 hours   Max Marks: 80
Answer any FIVE questions
All questions carry equal marks
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1. Why the password is not displayed in on the screen? Explain why does UNIX always ask for a user name before logging on to system. Explain in detail.

2. In Unix, how do you set the default protection to newly created directories and files? Explain with suitable examples.

3. (a) Write a shell script to rename the file. Do not use mv command in the script.
   (b) Write shell script that would add username as extension to file of pwd.

4. What is sed script? Explain basic features of sed script?

5. Explain the following in terms of awk shell script:
   (a) If without else
   (b) Else without if
   (c) Nested if statement
   (d) Case syntax
   (e) Wild card characters.

6. (a) Find the line that matches a regular expression in korn & grep.
   (b) Find the line that does not match a regular expression in korn & grep.

7. (a) Describe mathematical expressions of C shell program.
   (b) Describe the relational expressions of C shell program.

8. (a) How directories can be created? Explain the procedure for creating directories.
   (b) What are the characters that should not be used in a filename?

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