

II B.Tech I Semester(R07) Supplementary Examinations, May/June 2010**UNIX AND SHELL PROGRAMMING****(Common to Computer Science & Engineering and Information Technology)****Time: 3 hours****Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. Compare and contrast Bourne, C, Korn and Bash shells. [16]
2. What would be the effect of the following commands:
 - (a) ping
 - (b) finger
 - (c) grep "[Rr]ao" xyz
 - (d) cut -f1,3 file1
 - (e) arp ho
 - (f) telnet hostname
 - (g) egrep 'rao|ram|raju' xyz
 - (h) du. [2×8=16]
3. Write a shell script to print every minute who have logged in last one minute and who have logged out in last one minute. [16]
4.
 - (a) Enlist various editing commands available in sed.
 - (b) Using sed how do you add html tags. [8+8]
5.
 - (a) What is shell script? Explain any 6 shell script commands.
 - (b) Explain about expressions in shell script in detail. [8+8]
6.
 - (a) Explain the buffers and variables in AWK.
 - (b) Explain the data processing concepts of awk script. [8+8]
7.
 - (a) What is the output statement in C shell? Explain its format.
 - (b) Explain the eval command. [8+8]
8. Write the syntax for the following and explain with an example:
 - (a) create
 - (b) closedir
 - (c) readdir
 - (d) chmod. [4+4+4+4]
