Code :07A3EC17a

$\boxed{\textbf{RA}}$

III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
UNIX & SHELL PROGRAMMING
(Computer Science & Engineering)
(For students of R05 regulation readmitted to III B.Tech II Semester R07)
Time: 3 hours **Max Marks: 80**
Answer any FIVE questions
All questions carry equal marks
⋆⋆⋆⋆⋆

1. (a) Give a brief description about multitasking ,multi user operating systems.

   (b) Describe unix file system.

2. What would be the effect of the following commands:

   (a) cpio -ivf " *.c " </dev/rdsk/foq118dt

   (b) mount /dev/hda3

   (c) grep "[Rr]ao" xyz

   (d) du

   (e) arp

   (f) telnet

   (g) rlogin

   (h) pg.

3. Give complete description of UNIX shell. What are the basic rules that it follows to interpret the commands.

4. Explain about all the commands and options that are available in SED.

5. Define loop and give brief description about types of loops with awk shell script example program for each type of loop.

6. Determine the basic korn statements with suitable examples.

7. (a) Use awk command and check its exit status. When is it result zero? When it is non zero? Check both cases.

   (b) Use a command to show the value of all environmental variables in the shell.

8. (a) What is the purpose of using the system call lseek? Explain with an example.

   (b) What is the purpose of using the system call chmod? Explain with an example.

⋆⋆⋆⋆⋆