FACULTY OF ENGINEERING & TECHNOLOGY
S.E (CSE/IT) Year Examination - May – 2015
Unix & Shell Programming
(Revised)

[Time: Three *Hours*]   [Max. Marks: 80]

"Please check whether you have got the right question paper."
   i)   Question no.1 from section 'A' and question no.6 from section 'B' are compulsory
   ii) Solve <u>any two</u> from remaining questions from each section.

SECTION-A

Q.1   Describe <u>any five</u>   10
        1)   Shell
        2)   wc-command
        3)   Who
        4)   PIPE
        5)   cp and mv command
        6)   Chown -Command
        7)   kill

Q.2   a)   Enlist and explain features of unix OS.   07
        b)   Explain different types of files in UNIX.   08
Q.3   a)   Explain job- control facilities of process in detail.   07
        b)   Explain three different standard files for redirections in UNIX.   08
Q.4   a)   Explain soft link and differentiate between hard link and soft link.   08
        b)   Explain 'ls' command with its option and give suitable example.   07
Q.5   a)   Describe shell interpretive cycle.   07
        b)   Describe chmod command with relative and absolute manner.   08

SECTION-B

Q.6   Describe <u>any five</u>   10
        1)   uniq
        2)   set-command in shell
        3)   shift-command in shell
        4)   sort
        5)   substr function in perl
        6)   join function in perl
        7)   pr

Q.7   a)   Explain shell variables, positional parameter and write shell script to demonstrate it.   08
        b)   Explain cut command in detail with suitable example.   07
Q.8   a)   Explain structure of qwk script with suitable example.   08
        b)   Write a shell script to demonstrate the use of for loop.   07
Q.9   a)   Explain splice and split function in perl with example.   08
        b)   Describe sed-command with its option and suitable example   07
Q.10 a)   Explain grep command with BRE and ERE   08
        b)   What is associative array in perl?   07

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