

Code No: R41193

R10

Set No. 1

IV B.Tech I Semester Supplementary Examinations, Mar/April - 2016

UNIX PROGRAMMING

(Electronics and Computer Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

- 1 a) Explain the features of Unix [8]
b) Explain the following commands [7]
 i) password ii) more iii) gzip
- 2 a) Explain the file permission of Unix in detail. [8]
b) Explain the following commands. [7]
 i) tail ii) sort iii) fgrep
- 3 a) Explain the tee Command with example. [8]
b) Explain shell/Environment customization in detail. [7]
- 4 a) What is a grep family? Explain the grep family options. [8]
b) Define the sed utility? Explain two formats of the sed command. [7]
- 5 a) How the awk utility views a file? Explain the field buffers and Record buffers of awk [8]
b) Compare sed and awk. [7]
- 6 a) Explain the Korn shell features [8]
b) Write each of the following file expressions in Korn shell [7]
 i) file1 is empty ii) file2 is not readable
- 7 a) Explain the input and output commands of C Shell with example [8]
b) Write a C Shell Program to print sum of n integer numbers [7]
- 8 a) Explain the following System Call with syntax [8]
 i) create ii) open
b) Explain the following Directory API with example [7]
 i) closedir ii) umask