

Code No: RT42024B

R13

Set No. 1

IV B.Tech II Semester Regular/Supplementary Examinations, April/May - 2019

UNIX AND SHELL PROGRAMMING

(Electrical and Electronics Engineering)

Time: 3 hours

Max. Marks: 70

Question paper consists of Part-A and Part-B

Answer ALL sub questions from Part-A

Answer any THREE questions from Part-B

PART-A (22 Marks)

1. a) What is a system call? Explain. [4]
- b) What are backup utilities? [3]
- c) Explain about symlink command. [4]
- d) Explain about associative arrays. [3]
- e) Describe changing positional parameters in Korn shell. [4]
- f) What are C shell features? [4]

PART-B (3x16 = 48 Marks)

2. a) Explain the following commands: man, uname and passwd. [8]
- b) Discuss about internal and external commands. [8]
3. a) Describe file handling utilities with examples. [8]
- b) Explain about pg, cmp and diff commands. [8]
4. a) Discuss about sort and uniq commands in filters. [8]
- b) Briefly explain system calls for file management. [8]
5. a) Explain about user defined functions in awk. [8]
- b) Discuss about commands in sed. [8]
6. a) Explain about variables and startup scripts in Korn shell. [8]
- b) Discuss about augment validation and debugging scripts in Korn shell. [8]
7. a) Explain about command history and command execution scripts in C shell. [8]
- b) Discuss about special parameters and variables in C shell. [8]

