R16

Reg. No: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Supplementary Examinations December-2021
UNIX & SHELL PROGRAMMING
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1 a Give the output of the following commands   6M
    i.   uname
    ii. script
    iii. bc
    iv. who
    v. cat

  b What is an editor? Write some names of the editors. Give the various modes of vi editor   6M

OR

2 a What are the operations that can be performed on directories and not on files?   6M
  b Brief about the commands used in vi editor.   6M

UNIT-II

3 a What is the usage of quotes in Unix? Explain with example.   6M
  b List the commands used for translating characters citing examples.   6M

OR

4 a What is command Line editing? Explain in brief.   6M
  b How files with duplicate lines are handled in UNIX.   6M

UNIT-III

5 a Explain how remote access is done in unix   6M
  b List all the commands along with their actions that are used to send mail   6M

OR

6 a Write the correct grep command for the following scenarios   6M
    i.   search for a string "linux" in a file "index.html"
    ii. insensitive case search
    iii. Searching for a string "linux" in multiple files
    iv. Displaying the line numbers
    v. Highlighting the search

  b Explain talk and write command   6M

UNIT-IV

7 a What is shift command? How does it works?   6M
  b What is the use of   6M
    i.   emacs
    ii. noglob
    iii. verbose
    iv. xtrace
    v. ignoreeof

OR

8   a   Explain in brief repetition.   6M
    b   How decision making done? Explain with an program.   6M

UNIT-V

9   a   Give the features of C shell.   6M
    b   Discuss how environmental variables are handled.   6M

OR

10 a   What are the expressions involved in C shell? Explain them.   6M
    b   How argument validation is performed in csh?   6M

*** END ***