

Reg. No: 

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR  
(AUTONOMOUS)

**B.Tech III Year I Semester Supplementary Examinations August-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 Define vi Editor and explain its modes. 6M  
b Brief about the commands used in the vi Editor. 6M

OR

- 2 What are user and group in Unix? Explain the related commands for changing ownership and group. 12M

**UNIT-II**

- 3 a Explain concatenate command with its options 6M  
b Explain sort command with its options. 6M

OR

- 4 How files with duplicate lines are handled in UNIX. 12M

**UNIT-III**

- 5 List all the commands associated with send mail with its actions performed. 12M

OR

- 6 a Explain Atoms. 6M  
b Explain Operators. 6M

**UNIT-IV**

- 7 List Korn shell features. 12M

OR

- 8 a Explain special parameters. 6M  
b Explain special variables. 6M

**UNIT-V**

- 9 List and explain string functions. 12M

OR

- 10 a Explain how the Environmental variables are handled. 6M  
b Explain how the on-off variables are handled. 6M

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