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

**B.Tech III Year I Semester Supplementary Examinations November-2020**

**UNIX & SHELL PROGRAMMING**

(Computer Science & 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 the file types available in Unix? Discuss file operators with suitable examples. 12M

**UNIT-II**

- 3 What is redirection? Explain it in detail. 12M

OR

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

**UNIT-III**

- 5 How files are transferred from client to server and vice versa. 12M

OR

- 6 What is mail? Explain it in detail. 12M

**UNIT-IV**

- 7 How decision making is done? Explain with a program. 12M

OR

- 8 a How argument validation is done? 6M  
b How shift command work? 6M

**UNIT-V**

- 9 List and explain the expressions involved in C shell. 12M

OR

- 10 List and explain string functions. 12M

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