

Reg. No:

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

B.Tech II Year I Semester Supplementary Examinations August-2022

LINUX PROGRAMMING

(Open Elective-I)

(Electronics and Communication Engineering)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

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|------------|--|-----------|-----------|
| 1 a | Describe the structure of UNIX. | L1 | 6M |
| b | Specify the significance of the following commands
i) date ii) who iii) passwd iv) bc v) script | L1 | 6M |

OR

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|------------|-------------------------------------|-----------|-----------|
| 2 a | Discuss vi Editor and its modes. | L2 | 6M |
| b | Illustrates about standard streams. | L4 | 6M |

UNIT-II

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|------------|--|-----------|-----------|
| 3 a | Discuss pipe and tee command with suitable example. | L2 | 6M |
| b | Distinguish between a user-defined variable and predefined variable. | L4 | 6M |

OR

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|------------|---|-----------|-----------|
| 4 a | Illustrate the following
i) CDPATH ii) PATH iii) HOME iv) Primary prompt v) TERM | L4 | 6M |
| b | Write a note on Shell Customization. | L6 | 6M |

UNIT-III

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| 5 a | How text manipulation is done in vi? Explain. | L1 | 6M |
| b | Differentiate telnet and ftp command. | L4 | 6M |

OR

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| 6 a | Write a note on filters and pipes. | L6 | 6M |
| b | Explain about comparing files with examples. | L1 | 6M |

UNIT-IV

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|------------|--|-----------|-----------|
| 7 a | List and explain the expressions involved in Korn shell. | L3 | 6M |
| b | What is an option? List Some options and their use. | L1 | 6M |

OR

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|------------|---|-----------|-----------|
| 8 a | Use awk command and check and analyze its exit status. | L3 | 6M |
| b | What does a startup script consist of? | L1 | 6M |

UNIT-V

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|------------|--|-----------|-----------|
| 9 a | What are the shutdown scripts in the C Shell? Explain. | L1 | 6M |
| b | Explain briefly about the following
(i) Environmental variables
(ii) on-off variable | L1 | 6M |

OR

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|-------------|---|-----------|-----------|
| 10 a | How argument validation is done in csh? | L1 | 6M |
| b | Write a short note on Special parameters. | L6 | 6M |

*** END ***