

Code No: 138GH

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, December - 2020

LINUX PROGRAMMING

(Common to EEE, ECE)

Time: 2 Hours

Max.Marks:75

Answer any Five Questions
All Questions Carry Equal Marks

1. Write a detailed note on Shell Responsibilities and shell Meta characters. [15]
2. Write short notes on following commands: trap, export, exit, break, continue. [15]
3. With the neat syntax explain the following system calls:
open(), creat(), read(), write() [15]
4. Explain the commands for Creating, removing and changing Directories with examples. [15]
5. Explain how a process can be created and terminated in LINUX operating system. [15]
6. Explain in detail about reliable and unreliable signal processing in Linux. [15]
7. Write a detailed note on IPC between unrelated processes using FIFOs (Named pipes). [15]
8. Explain in detail about Kernel support for shared memory. [15]

---ooOoo---