

2122

B. Voc. (Hardware and Networking)  
Fifth Semester  
HWN-503: Linux Operating System

Time allowed: 3 Hours

Max. Marks: 40

**NOTE:** Attempt five questions in all, including Question No. 9 (Section-E) which is compulsory and selecting one question each from Section A-D..

x-x-x

**Section A**

- 1: What do you mean by LINUX? Write down the features of kernel and shell. (8)
- 2: What do you mean by file? Explain any five file related commands in LINUX. (8)

**Section B**

- 3: Define process. Elaborate the use of foreground and background process in LINUX. (8)
- 4: What do you mean by filter? Explain any five filters of LINUX. (8)

**Section C**

- 5: What do you mean by communication? How can you connect to a remote machine in LINUX? (8)
- 6: What is vi editor in LINUX? Explain the different commands of vi. (8)

**Section D**

- 7: What do you mean by System Administrator? Explain the role of System Administrator with commands in LINUX. (8)
- 8: Write down the steps of installation of LINUX operating system. (8)

**Section E**

- 9: Write short notes on following:
  - (a) chmod command (2)
  - (b) bc command (2)
  - (c) wc command (2)
  - (d) inode table (2)

x-x-x