

B.Tech III Year II Semester (R15) Regular Examinations May/June 2018

**LINUX ENVIRONMENT SYSTEM**  
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

**PART – A**  
(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) List the various types of operating system.
  - (b) Draw the file system structure of Linux.
  - (c) Write the steps of installation of Linux Ubuntu Distro.
  - (d) What are the two modes of Linux?
  - (e) What is the minimum memory required to install Fedora?
  - (f) Define GNOME.
  - (g) Where are passwords stored in Linux Ubuntu Distro?
  - (h) Explain Sudo SU commonace.
  - (i) Define init service.
  - (j) How to install LPRng?

**PART – B**  
(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 What is swap space? Explain disk management in Linux.

**OR**

- 3 Write and explain all the capabilities of super users.

**UNIT – II**

- 4 Give the difference between multiuser and multitasking operating system.

**OR**

- 5 Why Linux is preferred at the server end? Justify the answer.

**UNIT – III**

- 6 Briefly describe X Windows.

**OR**

- 7 Explain GNOME configuration Tool.

**UNIT – IV**

- 8 What is a process? Define process priority. List the steps to change process priority in Linux.

**OR**

- 9 Describe LILO and GRUB in detail.

**UNIT – V**

- 10 Explain in detail about network file systems.

**OR**

- 11 Describe the process of interfacing printer through operating system.

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