



## End Term Examinations (December 2018)

**School:** School of Information Technology      **Program:** BTECH (CTIS/MACT)

**Course:** Introduction to Linux

**Course Code:** CSC103

**Semester:** III

**Max Marks:** 30

**Duration (mins):** 60

Note- 1. Figures to the right indicates full marks.

2. Attempt any three questions.

### Q1)

- a) Define PID and PPID and explain their importance. (5)
- b) What is UBUNTU? Explain any four functions of it. (5)

### Q2)

- a) What is system call? (2)
- b) Explain Process states and Transitions with suitable diagram. (8)

### Q3)

- a) Explain the different modes in vi editor. (2)
- b) Explain following tasks using Administrative Commands: (8)
  - i) Creating user      ii) Command for getting system information
  - iii) Deleting user      iv) Command for checking memory information

### Q4)

- a) What is Multiuser System? List Advantages of Linux Multiuser System. (5)
- b) List common administrative tasks performed by the system administrator. (5)

### Q5)

- a) Define Operating System and list its functions. (2)
- b) Explain the following UNIX commands with example: (8)  
pwd, mkdir, chmod, tar.