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D Y PATIL UNIVERSITY

End Term Examinations (December 2018)

School: School of Information Technology

Program: BCA (MACT/CTIS)

Course: Fundamental of Unix

Course Code: CSC118

Semester: I

MaxMarks: 50

Duration(mins):90

Section A

Q1. Answer the following. (Any Five)

10 Marks

- Define PID and PPID and Their importance
- What are the different modes in VI editor?
- What is Process in Unix?
- What is signal?
- Classify system calls.
- What is the role of kernel and shell ?
- List common administrative task performed by the system administrative.

Section B

Q2. Answer the following (Any Four)

20 Marks

- What is Multiuser system? List advantages of Linux Multiuser System.
- Explain process states diagram with suitable example.
- What is inode? Which information it holds?
- How to become a super user? Discuss file permissions in details.
- What is Yanking? Explain its commands.
- Explain ANY FIVE disk related commands.

Section C

Q3. Answer the following (Any Two)

20 Marks

a) Explain the following UNIX commands with example :

a. pwd

b. cd

c. mkdir

d. ls

e. mv

b) Explain Linux Architecture in detail.

c) Explain process creation and termination using fork(), wait() and exec() system call.

d) Elaborately explain file system in Linux.
