

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot
Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION NOVEMBER - 2017

Bachelor of Computer Application / B.Sc. Information Technology

16UCACC12 / 16UITCC12 – OPERATING SYSTEM CONCEPT WITH UNIX/LINUX

Duration of Exam – 3 hrs

Semester – III

Max. Marks – 70

Part A (10x1= 10 marks)

Answer **ALL** questions

1. How to run process in background mode in unix
2. Explain SHELL system variable in unix.
3. Who is the founder of linux operating system
4. Give the command to install any RPM
5. How to create user account in linux give the command
6. Explain read and echo function in shell script
7. What is physical memory and virtual memory
8. What is operating system and give the architecture of operating system.
9. Explain batch command in unix
10. What is variables and how to declare variable in unix

Part B (5x5= 25 marks)

Answer **ALL** questions

11a. Write short note PSTD

OR

11b. Explain concept of I/O redirection and piping

12a. Explain types of operating system

OR

12b. Write short note WINE in linux

13a. Give the syntax for looping structure

OR

13b. Write a short note on vi editor

14a. Explain logical operator

OR

14b. Explain any five system variables

15a. Explain batch and cron command in unix

OR

15b. Explain wall ,write and mail command

Part C (5x7= 35 marks)

Answer **ALL** questions

16a. Write a shell script to move a file.

OR

16b. Write a shell script to find factorial number of any input number

17a. Write steps to configure samba server in linux

OR

17b. Write short note on APACHE server in linux

18a. Give the features of linux operating system

OR

18b. Explain command for finding patterns in files

19a. What is memory management explain in detail

OR

19b. What is paging explain in detail

20a. Explain commands for comparing files

OR

20b. Explain command for sorting a files
