

Third Year B.C.A Examination

OCT-2017

Paper Title: Linux Shell Programming - 8894

Paper No. 301

Subject Code No: 8894

Total Marks: 100

Time: - 03:00HRS

Q-1 Answer the following question

- A Explain features of Linux. 10
- B Explain Fedora and Ubuntu Linux flavor in detail 10

OR

- A Explain advantages and disadvantages of Linux operating system. 10
- B Define kernel, shell, process, system call, File. 10

Q-2 Answer the following question

- A Explain Linux file system hierarchy. 10
- B List and Explain user commands with syntax and example. 10

OR

- A Explain 'ls' and 'cat' command with syntax, purpose and example. 10
- B Explain process command. 10

Q-3 Answer the following question.

- A How to change file permission? Explain with example. 10
- B Write a note on manage group with example. 10

OR

- A Write a note on manage user with example. 10
- B How to manage password file in Linux? Explain in detail. 10

Q-4 Answer the following question

- A Explain samba server configuration. 10
- B Explain TCP/IP in detail. 10

OR

- A What is NFS? Explain NFS client and server configuration. 10
- B Explain IP address class and masking in detail. 10

Q-5 Answer the following question

- A What is shell? Explain its types in detail. 10
- B Explain iterative and decision making statement. 10

OR

- A Explain Vi editor with all possible modes. 10
- B Write a shell script which compares three numbers given by user and display maximum number. 10