

Nov-2016

## Third Year B. C. A. Examination

Paper Code: 8894

Paper Name &amp; No: Linux Shell Programming (301)

Time duration: 3 Hour

Marks: 100

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**Q - 1 (a) Answer the following question** [ 10 ]

1. Give the full name: GNOME, KDE.
2. What is an Open Source Software?
3. List of Flavors of Linux Operating System.
4. Write a short note on X Windows System.
5. What is UNIX?

**(b) Answer the following question** [ 10 ]

1. Give the difference between UNIX and Linux.
2. Give advantages and disadvantages of Linux Operating System.

OR

**Q - 1 Answer the following question (Any Two)** [ 20 ]

1. Give the brief notes on KDE and GNOME Environment.
2. Explain the basic component of UNIXs.
3. Explain features of Linux Operating System.

**Q - 2 Answer the following question** [ 20 ]

1. Give the hierarchical structure of UNIX Operating System.
2. Explain four commands with syntax and description related to file and directory.

OR

**Q - 2 Answer the following question** [ 20 ]

1. What is Job? Explain: ps, kill, jobs and top commands with example.
2. Explain the following command with syntax and example.

- a) man
- b) cal
- c) echo
- d) grep

**Q - 3 Answer the following question** [ 20 ]

1. Give the information regarding */etc/passwd*.
2. Explain in your words: Local User and Super User

OR

**Q - 3 Answer the following question** [ 20 ]

1. What is User configuration file?
2. Give the information of controlling access to files and directories using *chmod*.

**Q - 4 Answer the following question** [ 20 ]

1. What is Samba Server? Explain in brief.
2. What is IP address and mask? Give the command to display which IP address display in current system.

OR

**Q - 4 Answer the following question** [ 20 ]

1. Explain the telnet with figure.
2. Explain the features of FTP Server.
3. Give the benefits of NFS.
4. Give the setup and configuration of NFS with commands.

[ 20 ]

**Q – 5 Answer the following question**

1. Write a shell script to display Fibonacci series.
2. Write a shell script to Input your name and display in reverse order.

**OR**

**Q – 5 Answer the following question**

1. Explain vi editor.
2. Explain decision making statement with syntax and example.

**[ 20 ]**