

NJ-104

November-2017

BCA., Sem.-V

CC-301 : Open Source Operating System

Time : 3 Hours]

[Max. Marks : 70

1. (a) What are the steps to configure network and local printer ? 7
- OR**
- What are the benefit of using Linux Operating System ? Discuss the desktop elements of Ubuntu.
- (b) Write the steps to configure E-mail and instant messaging. 7
- OR**
- Write the steps to configure Bluetooth and scanner.
2. (a) Write the steps to configure Mouse Options. 7
- OR**
- Write a note on changing keyboard settings under Ubuntu.
- (b) Write a note on personalize login options under Ubuntu. 7
- OR**
- (i) How to add all the menus to a panel ? How can we delete a menu ? 4
- (ii) Write the steps to create a shortcut and a link. 3
3. (a) Discuss : File permissions in Linux. 7
- OR**
- Write a detailed note on Bash Shell.
- (b) (i) Explain the following commands : Is, cp, mv, mkdir 4
- (ii) Explain the following commands:
find, locate. 3
- OR**
- Discuss : Nautilus 7

4. (a) Explain the different modes of vi editor. 7

OR

Discuss different GIMP filters.

- (b) (i) Discuss the following commands : cat, less, head and tail. 4
(ii) Explain : Redirection 3

OR

Write a detailed note on : Editing images with the GIMP. 7

5. **Do as Directed :**

Fill in the blanks : 7

- (1) _____ filter can be used to automatically detect and delineate the edges of objects within an image.
- (2) _____ tool is used to remove any extraneous details outside the focus of the image.
- (3) _____ command locates where the programs are stored in your system.
- (4) _____ command is used to get help in Ubuntu.
- (5) The boot loader is actually a separate program called _____ which starts Ubuntu.
- (6) The _____ user can delete, modify or view any file, as well as alter hardware settings in Ubuntu.
- (7) Scanning within Ubuntu is handled by _____ utility.

True or False : 7

- (1) There is a third type of Linux account, apart from root and ordinary, which is similar to limited user account, except that it is used by the system for various tasks.
- (2) If you have more than one drive, the drives are usually combined together into the one file system, by mounting, under Ubuntu.
- (3) When you run a shell on Linux system, the system refers to it as a tty device.
- (4) **rm -f** command is used to recursively delete directories in Linux.
- (5) Zombie is child process that is reclaimed by init when the original parent process terminates before the child.
- (6) **Sharpen** tool is used to remove facial blemishes in image editor.
- (7) **dev** is a directory in which external file systems can be temporarily mounted.