

Seat No. : _____

NA-104
December-2015
BCA, Sem. – V
CC-301 : Open Source Operating System

Time : 3 Hours]

[Max. Marks : 70

- Instructions :** (1) All questions are compulsory.
(2) Figures to the right indicate maximum marks to the question.

1. (A) Answer the following questions:-

- (i) How to configure Bluetooth in Ubuntu ? **4**
(ii) Write the steps to configure an email. **3**

OR

Answer the following questions :

- (i) Write a short note on desktop elements of Ubuntu. **4**
(ii) Discuss in brief problem with Windows. **3**

(B) Answer the following questions :

- (i) Write the steps to configure a sound card **4**
(ii) Write the steps to configure a shared printer. **3**

OR

Answer the following questions :

- (i) Write a short note on history of Linux and its benefits. **4**
(ii) Write the steps to configure a local printer. **3**

2. (A) Answer the following :

- (i) Explain power saving feature options in Ubuntu. **5**
(ii) Distinguish between root and ordinary users. **2**

OR

Answer the following :

- (i) Write a short note on configuring mouse options. 5
- (ii) Distinguish between Windows and Linux Security. 2

(B) Answer the following :

- (i) Discuss about changing keyboard settings. 4
- (ii) Write the steps to alter the theme. 3

OR

Answer the following :

- (i) Write the steps to create a shortcut and link. 4
- (ii) Write the steps to alter the wallpaper. 3

3. (A) Answer the following :

- (i) Discuss file system concept in Ubuntu. 4
- (ii) Explain how to eject media from a drive. 3

OR

Answer the following :

- (i) Explain ls and rm command with options. 4
- (ii) Compare find and locate command. 3

(B) Answer the following :

Write a short note on viewing and changing file permissions. 7

OR

Answer the following :

Write a short note on tool bar and all menus of Nautilus. 7

4. (A) Answer the following :

- (i) Explain cropping and cloning with GIMP. 5
- (ii) Write the steps to play the music files. 2

OR

Answer the following :

- (i) Explain the use of pipeline and redirection command. 5
- (ii) Explain ps command. 2

(B) Answer the following :

- (i) Explain different modes of vi editor. 4
- (ii) Explain head command with example. 3

OR

Answer the following :

- (i) Explain grep command. 4
- (ii) Explain tail command with example. 3

5. (A) State whether the following statements are true or false : 7

- (i) The bar at the bottom of the screen in Ubuntu is called “panel”.
- (ii) By default, there are four virtual desktops.
- (iii) Root user is also referred to as superuser.
- (iv) Spinning down the hard disk is the option available in changing login picture.
- (v) File names in Ubuntu are not case sensitive.
- (vi) The location bar in the file browser Nautilus shows the location of the files in the system.
- (vii) Cat command which is used to display files gives the control to scroll up and down with the cursor keys.

(B) Choose the appropriate option :- 7

- (i) Ubuntu is an ancient _____.
(African word, American word, Italian word)
- (ii) In Ubuntu, the _____ menu is equivalent of the Windows start menu.
(System, Places, Applications)
- (iii) The speed of the mouse can be altered by _____ option.
(Cursor, Motion, Button)

- (iv) BASH stands for _____.
(Bright Again Shell, Bourne Again Shell, Built Again Shell)
- (v) The _____ is not a vi editor mode.
(Command-Line mode, Common mode, Insert mode)
- (vi) The number of lines displayed by default in head command is _____.
(10,15,12)
- (vii) To remove the blur caused by camera shake or poor focusing in any image is removed by using the tool _____.
(Cloning, Cropping, Sharpening)
- _____