1705E635   Candidate's Seat No :____

B.C.A. (Sem.-V) Examination
CC 301 Open Source Operating System

Time : 3 Hours]   May-2017   [Max. Marks : 70

Note:
(a) There are two pages in the question paper.
(b) In all, there are five questions.
(c) All questions are compulsory.
(d) Figures to the right indicate maximum marks to the question.
(e) Begin new question from new page.

Q-1(A) Discuss: [06]
    (a) Desktop Elements of Ubuntu
    (b) Working with Virtual Desktop

OR

Q-1(A) Write the steps to configure the following in Ubuntu : [06]
    (a) Email
    (b) Scanner

Q-1(B) Write the steps to configure the following in Ubuntu : [08]
    (a) Local printer
    (b) Network printer

OR

Q-1(B) Discuss: [08]
    (a) Problem with Windows
    (b) History of Linux and its benefits

Q-2(A) Write the steps to configure the following in Ubuntu: [06]
    (a) Creating a link
    (b) Adding the applications menu to a panel

OR

Q-2(A) Answer the following [06]
    (a) Differentiate between root user and ordinary user
    (b) Setting power-saving features in Ubuntu

Q-2(B) Answer the following: [08]
    (a) Steps to change the wallpaper
    (b) Steps to configure Keyboard

OR

Q-2(B) Answer the following: [08]
    (a) Steps to alter the theme
    (b) Steps to configure Mouse

Q-3(A) Explain the following commands with an example for each:- [06]
    (a) Create directory and Change directory
    (b) Delete a file

OR

Q-3(A) Explain the following commands with an example for each:- [06]
    (a) List Files
    (b) Copy a file

Q-3(B) Explain the command to view the file permission and change the file permission. [08]

OR

Q-3(B) Explain about the file browser Nautilus and its menus. [08]

Q-4(A) Explain the following command with an example:- [06]
    (a) head command
    (b) tail command

OR

Q-4(A) Explain the effect of the following:- [06]
    (a) Cropping an image with GIMP
    (b) Applying any 2 filters in GIMP

Q-4(B) Explain the following:- [08]
    (a) Piping utility with an example
    (b) Zombie Process and kill command

Q-4(B) Explain the following:- [08]
    (a) Output redirection utility with an example
    (b) ps command

Q-5(A) State whether the following statements are true or false:- [07]
  (i) The filter which can be used to create painterly effects to the image is called blur.
  (ii) The word "*Codec*" is a shortened version of *coder-decoder*.
  (iii) Under Ubuntu the drive references seen is like *home\myuser\myfile* .
  (iv) The locate command works faster than the find command.
  (v) To write in two different languages on keyboard, the setting option used is Layout.
  (vi) The unrestricted access of the Ubuntu/Linux system is with the *admin or root or superuser* of the system.
  (vii) The meaning of the word Ubuntu in African language is "*humanity to others*".

Q-5(B) Choose the appropriate option:- [07]
  (i) My Computer in Windows is equivalent to _____ in Ubuntu. (Places Menu, System Menu, Applications Menu)
  (ii) The _____ is a problem with Windows. (Virus, Available free, Crash free)
  (iii) The _____ is NOT available under the motion option of mouse setting. (Acceleration, Sensitivity, Typing Break))
  (iv) BASH stands for _____. (Bourne Again Shell, Bourne Alternate Shell, Bourne Agent Shell)
  (v) To compare the differences between two text files, one of the commands used is _____. (diff, rm, cp)
  (vi) The symbol used for piping output is _____. (>, | , <)
  (vii) This is one of the types of filter _____. (Edge Detect, Quick result, Brush)