Y-2097

B. C. A. (Part II) EXAMINATION, 2015

Paper Seventh

LINUX

Time : Three Hours]   [*Maximum Marks : 50*

Note : Attempt all the *five* questions. Attempt any *two* parts from each question. All questions carry equal marks.

1. (a) Throw light on the architecture of LINUX.

   (b) Discuss about the need and origin of LINUX.

   (c) Explain the following commands with suitable example :

       (i)   cd

       (ii)   Cat

       (iii) df

       (iv) whoami

       (v)   bc

2. (a) Explain the various features of Emac-editor ?

   (b) How can you create shell command ? Expl.

   (c) Discuss any *five* Vi commands.

3. (a) Write a shell program for multiplying two numbers.

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    (b)   Write any shell program using for loop.

    (c)   Explain the stepwise procedure :

        (i)   To change password

        (i)   Terminate process

4. (a)   Explain different models of X-windows.

    (b)   Write the steps to manage file with the GNOME.

    (c)   Explain the features of window manager.

5. (a)   What is the role of inittab file ?

    (b)   Point out highlight of security file access permission.

    (c)   Explain the steps to generate user and group in Linux.