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ND—24—2023

FACULTY OF COMPUTER STUDIES

B.Sc. (CS) (Third Year) (Fifth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(CBCS/Revised Pattern)

COMPUTER SCIENCE

Paper–504B

(Basics of Linux)

(Wednesday, 6-12-2023)   **Time : 10.00 a.m. to 1.00 p.m.**

Time—3 Hours   *Maximum Marks—75*

N.B. :—   (i)   *All* questions are compulsory.

      (ii)   Assume suitable data, if necessary.

1.   Attempt any *five* of the following :   15

   (a)   What are functions of Linux ?

   (b)   Explain cp, mv and ren commands.

   (c)   What is LILO ? Explain.

   (d)   Explain use of vi editor in Linux.

   (e)   Explain types of users in Linux.

   (f)   Explain PS and Kill commands.

   (g)   Explain memory handling commands in detail.

                              P.T.O.

2. Attempt any *three* of the following : 15

   (*a*)   Explain hardware requirements for Linux.

   (*b*)   Explain features of Linux.

   (*c*)   Explain chfn and finger commands.

   (*d*)   Explain any *four* vi movement commands.

   (*e*)   Explain top command in detail.

3. Attempt any *three* of the following : 15

   (*a*)   Explain passwd command with example.

   (*b*)   Explain grep in detail.

   (*c*)   Explain at & batch commands.

   (*d*)   What is desktop manager ? Explain.

   (*e*)   Explain Linux distributions.

4. Attempt any *three* of the following : 15

   (*a*)   Explain disk quotas.

   (*b*)   Explain write and wall commands.

   (*c*)   What are processes ? Explain PS command in detail.

   (*d*)   Explain printing commands in Linux.

   (*e*)   Explain wc and who commands.

5. Write short notes on (any *three*) : 15

    (*a*)   Login, Logout and Remote Login

    (*b*)   Head and tail commands

    (*c*)   /bin and /etc directories

    (*d*)   KDE and GNOME

    (*e*)   Su command.