Seat
No.

B.C.A. (Part - III) (Semester - VI) Examination, April - 2018
LINUX OPERATING SYSTEM (New) (Revised)
Sub. Code : 66424

Day and Date : Wednesday, 18 - 04 - 2018   Total Marks : 80
Time : 03.00 p.m. to 06.00 p.m.

Instructions :   1)   Each question carry 16 Marks.
                 2)   Solve any FOUR questions from Q.1 to Q.7
                 3)   Q.8 is Compulsory.

Q1) a)   What is Shell? Explain kernel-shell relationship with diagram.   [8]

     b)   Explain Command substitution with example.   [8]

Q2) a)   What is operating system? Write the different features of Linux.   [8]

     b).   Explain ls command.   [8]

Q3) What is Linux file system? Explain File system tree.   [16]

Q4) Explain the following commands with suitable example.   [16]

     a)   cal
     b)   cp
     c)   unique
     d)   sort

Q5) a)   Write a shell program to input 10 numbers and print their sum.   [8]

     b)   Explain ex mode.   [8]

Q6) a)   What is looping? Explain While loop structure with their syntax.   [8]

     b)   How to change file permissions in linux? Give some example.   [8]

P.T.O.

Q7) a) What is Vi Editor? Explain the use and features of vi. [8]

   b) Explain Command Line argument with example. [8]

Q8) Write short notes on following (any four) : [16]

   a) grep command

   b) exit status

   c) wc command

   d) shell script

   e) test

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