Seat No.

B.C.A. (Faculty of Commerce) (Part-III) (Semester -VI) (New/ Revised)
Examination, April - 2016
LINUX OPERATING SYSTEM
Sub. Code: 66424

Day and Date : Wednesday, 13 - 04 - 2016   Total Marks : 80
Time : 3.00 p.m. to 6.00 p.m.

Instructions :   1)   Solve any four questions from Q.1 To Q.7.
               2)   Q.8 is Compulsory.
               3)   Each question carry 16 marks.

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

    b) What is Vi Editor? Explain the use and features of Vi.   **[8]**

Q2) a) What is operating system? Explain different types of operating system.**[8]**

    b) Explain Meta characters with example.   **[8]**

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

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

    i)   wc   ii) cat   iii) ls   iv) grep

Q5) a) Write a shell program to calculate factorial of a number.   **[8]**

    b) Explain command mode.   **[8]**

Q6) a) Explain case statement with example. [8]

b) Explain exit status of command with example. [8]

Q7) a) Explain Command Line argument with example. [8]

b) Explain command linking using pipe operator. [8]

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

a) Sort command

b) Shell script

c) File attributes

d) find command

e) cp command

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