Seat No.

SB - 195

Total No. of Pages : 2

B.C.A. (Part - III) (Semester - VI) (Faculty of Commerce) Examination, November - 2019

LINUX OPERATING SYSTEM (Paper - 603)

Sub. Code : 66424

Day and Date : Friday, 01 - 11 - 2019   Total Marks : 80

Time : 11.00 a.m. to 02.00 p.m.

Instructions : 1) Each question carries 16 marks.
                2) Solve any Four questions from Q.1 to Q.7.
                3) Q.8 is compulsory.

Q1) a) State and explain characteristics of LINUX.   [8]
      b) Explain different types of operating system.   [8]

Q2) a) Explain GPU commands with example.   [8]
      b) Write a shell script to calculate factorial of number.   [8]

Q3) a) Explain control structures used in shell programming.   [8]
      b) Explain History and Development of LINUX.   [8]

Q4) Describe directory structure of LINUX. Explain various directory management commands with example.   [16]

Q5) a) Explain operational modes of VI editor.   [8]
      b) Explain read and echo command in LINUX.   [8]

Q6) Explain following commands with suitable example.   [16]
      a) cut
      b) paste
      c) sort
      d) unique

P.T.O.

Q7) a) Write a shell script to find reverse of number. [8]

b) Write syntax and explain while loop used in shell script. [8]

Q8) Write short note on any four : [16]

a) Grep command

b) Basic file attributes

c) Is command

d) command line argument

e) ex mode

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