

Seat No.	
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**B.C.A. (Faculty of Commerce) (Part - III) (Semester - VI) (New)
(Revised) Examination, April - 2017**

LINUX OPERATING SYSTEM (Paper - 603)

Sub. Code :66424

Day and Date : Wednesday, 12-04-2017

Total Marks : 80

Time : 3.00 p.m. to 6.00 p.m.

- Instructions :**
- 1) **Q.No. 8 is compulsory.**
 - 2) **Solve any Four questions from Q.No.1 to Q.No.7.**
 - 3) **All questions carry equal marks.**

- Q1) a) Explain various features of Linux operating system. [8]**
b) Explain pipe (|) operator with example. [8]
- Q2) a) How to list the files using meta characters? [8]**
b) Write syntax and explain for loop used in shell script with example. [8]
- Q3) a) How to join lines and search for patterns in command mode of VI editor? [8]**
b) Write syntax and explain how to use if statement in shell script. [8]
- Q4) Describe directory structure of Linux operating system. Explain various directory handling commands. [16]**
- Q5) a) What is a file? Explain its types. [8]**
b) What is shell script? How to run it? [8]
- Q6) a) Explain basic attributes of file. [8]**
b) Explain input mode of VI editor. [8]

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- Q7)** a) How to use cut, paste, head and tail as filters? [8]
b) Write shell script to perform addition of two numbers which are accepted by command line. [8]

Q8) Attempt any Four from the following [16]

- a) Shell and kernel.
- b) General purpose utilities.
- c) ex mode.
- d) Login and logout.
- e) grep command.

