

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Name of the Assignment Setter:		Prof. Mhetre Dayanand Dundappa			
Course:	MCA	Class:	II	Semester:	IV
Subject: Lab on Linux Operating System					

Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

- a) Write a process for configuring local printer and network printer in LINUX
- b) Explain any ten file (ordinary) related commands and any five general purpose utilities commands in LINUX with their syntax and example

Q.2) Attempt ANY TWO of the Following (800 Words) (12)

Five subject marks are entered through keyboard (out of 100). Prepare a mark-sheet with the following constraints.

- 1) Calculate the sum of five subjects,
- 2) Calculate the percentage.
- a) 3) Calculate the grade with following condition
If percentage is greater than equal to 70 then grade is "A"
If percentage is in between 60-70 then grade is "B"
If percentage is in between 50-60 then grade is "C"
If percentage is in between 40-50 then grade is "D"
If percentage is below 40 then grade is "E"
- b) Write a shell program in LINUX to find whether entered is a small character, capital character, number or special character
- c) Write and explain *chmod*, *wc*, *bc*, *cd* and *ls* commands with their syntax and give one example of each
- d) Write a shell program in LINUX to swap two numbers using temporary variable and without using temporary variable.

Q.3) Write Short Notes on **(ANY TWO)**

(08)

- a) Flavours of Linux OS
- b) Types of shell
- c) CASE statement
- d) grep and pipe command

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