

M.C.M. - I(with Credits)-Regular-Semester 2012 Sem II
2MCM3 - Paper - III Operating System and Linux

P. Pages : 2

Time : Three Hours



GUG/W/16/5227

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either

1. a) Discuss about virtual memory management in detail. 8
- b) What do you mean multiprogramming ? Give advantages and disadvantages of multiprogramming. 8

OR

- c) Explain Time Sharing System in detail. 8
- d) Write a note on : 8
 - i) Parallel system
 - ii) Distributed system

Either

2. a) Explain disk operating system and its directory structure. 8
- b) Explain any four file management command of DOS. 8

OR

- c) What is batch command ? Explain various batch command with its purpose. 8
- d) Explain following command : 8
 - i) Attrib ii) Backup
 - iii) REW iv) XCOPY

Either

3. a) What is vi editor ? Explain different commands of insert mode of vi editor. 8
- b) Explain following command with syntax and example : 8
 - i) cd ii) cat
 - iii) pwd iv) more

OR

- c) List the features of linux operating system and explain directory structure of linux. 8
- d) Explain ln command with its various options. 8

Either

4. a) What are control structure. Explain If-then statement with suitable example. 8
- b) Explain following commands : 8
- i) Sort
 - ii) egrep.

OR

- c) Discuss any four system defined variables in detail. 8
- d) What is permission ? Explain chmod and chown permission mode. 8
5. Solve all the questions :
- a) What do you mean by multitasking ? Explain its advantages. 4
 - b) Write a note on booting. 4
 - c) Give rules and convention for naming files and directories. 4
 - d) Explain arithmetic in shell script. 4
