

M.C.M. (CBCS Pattern) Semester - II
PCMCMT203.1 - Paper-III - Elective-I : Operating System and Linux

P. Pages : 2

Time : Three Hours



GUG/S/23/10765

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw well labelled diagram wherever necessary.
 3. Avoid vague answer and write specific answer to related questions.

Either:

1. a) Explain the Need and functions of operating system? 8
- b) What is operating system? Explain time sharing system in detail? 8

OR

- c) What is Multiprocessing? Explain in detail? 8
- d) Write about Distributed system? 8

Either:

2. a) List and explain in brief External DOS commands in detail? 8
- b) Explain Internal DOS command with suitable example? 8

OR

- c) Explain any five directory command with in detail? 8
- d) What is DOS? Explain various categories of DOS Commands? 8

Either:

3. a) What is Linux? Explain Linux file system in detail? 8
- b) Draw the structure of Linux operating system? Explain. 8

OR

- c) Write a note on Bourn Shell? 8
- d) Explain the following commands. 8
 - i) Mkdri ii) rmdir
 - iii) DEL iv) Cat

Either:

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|-----------|----|---|----------|
| 4. | a) | Explain sort command with suitable example? | 8 |
| | b) | What are shell parameters? Explain it? | 8 |

OR

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|-----------|-----|--|----------|
| | c) | Explain following commands? with syntax and example. | 8 |
| | i) | PS | |
| | ii) | Kill | |
| | d) | Write about permission mode? | 8 |
| 5. | | Attempt all questions. | |
| | a) | Explain the concept of multitasking? | 4 |
| | b) | What is online and off-line processing? | 4 |
| | c) | Write a short note on ERASE and ATTRIB command? | 4 |
| | d) | Explain chmod command with syntax and example. | 4 |
