PCMCMT203.1 - Paper-III : Elective-I : Operating System and Linux

P. Pages : 2

Time : Three Hours

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GUG/W/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) What is operating system? Explain different types of operating system in detail?   **8**

    b) What are the real time system? Explain in detail?   **8**

OR

    c) Explain the main purpose of operating system in detail?   **8**

    d) Differentiate between multiprocessing and multithreading?   **8**

Either:

2. a) List and explain internal Dos commands in detail?   **8**

    b) Write down the use of wildcard? Explain it with the help of command?   **8**

OR

    c) What is boating? Explain in brief?   **8**

    d) Write purpose and syntax of the following commands.   **8**
      i)   Tree   ii)   Path
      iii) Subset   iv)   XCopy

Either:

3. a) What are the benefits of Linux operating system.   **8**

    b) Write a note on C-shell and Bourn shell?   **8**

OR

    c) Write about Vi editor in detail?   **8**

    d) List and explain file system commands in detail?   **8**

Either:

4.	a)	Explain the following filter with example? i) Grep ii) Sort	**8**
	b)	Explain following permission modes in detail? i) Chgrp ii) Chown	**8**

OR

	c)	Draw the structure of Linear operating system? Explain.	**8**
	d)	List and explain file system command in detail?	**8**
5.		Attempt all questions are compulsory.	
	a)	Explain the following commands with syntax? i) Copy ii) Type	**4**
	b)	What is X-copy and backup in Dos?	**4**
	c)	Explain cat, MV, Mkdir syntax and example?	**4**
	d)	Explain the control flow statement?	**4**

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