G.R. No.		PAPER CODE	U214 - 335

March 2024 (INSEM) EXAM
F.Y.B. TECH. (SEMESTER - II) (Comp. Engg.)

COURSE NAME: INTRODUCTION TO LINUX AND SHELL PROGRAMMING
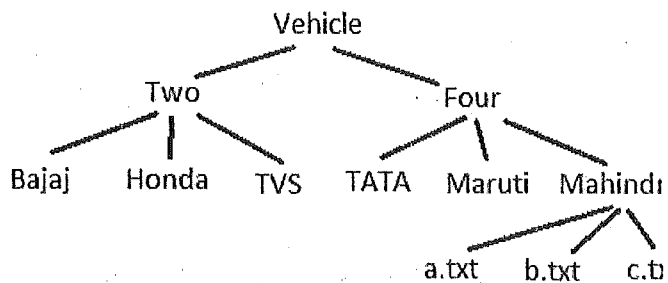COURSE CODE: CS12235

(PATTERN 2023)

Time: [40 min]　　　　　　　　　　　　　　　　[Max. Marks: 20]

(*) Instructions to candidates:
1) Figures to the right indicate full marks.
2) Use of scientific calculator is allowed
3) Use suitable data wherever required
4) Solve any two sub questions from Question 1 and 2

Question No.	Question Description	Marks	CO mapped	Blooms Taxonomy Level
Q.1	a) List and define three types of operating systems based on their usage. Provide an example for each type.	[5]	CO1	Understand
	b) Discuss the importance of file management in organizing data in an operating system.	[5]	CO1	Apply
	c) Compare and contrast open-source operating systems with proprietary ones. Analyze the advantages and disadvantages of each type.	[5]	CO1	Analyze
Q2	Directory Structure in a PC There is directory called vehicle, inside that there are two sub directories two and four, inside that there are three directories in each as bajaj, honda, TVS in two and Tata, Maruti, mahindra in four. Inside directory mahindra there are 3 files a.txt, b.txt, c.txt			

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                        Vehicle
              Two                    Four
       Bajaj    Honda    TVS    TATA    Maruti    Mahindi
                                         a.txt    b.txt    c.t
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a) Write Linux command to copy files from directory mahindra to directory honda. Consider you are currently in directory vehicle	[5]	CO2	Apply
b) Write linux command to move files from directory mahindra to directory TATA. Consider you are currently in directory honda	[5]	CO2	Apply
c) Write linux command to delete files from directory mahindra. Consider you are currently in directory Bajaj	[5]	CO2	Apply