	DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, L	ONERE	
	Regular/Supplementary Examination – 2024		
	Course: B. Tech.  Propose a Floatronica & Computer Enga/Floatronica & Computer Science E	lmaa	
	Branch : Electronics & Computer Engg/Electronics & Computer Science E	Angg	
	Semester :IV		
	Subject Code & Name: BTECPE405D Linux OS	2.11	
	Max Marks: 60 Date: 24/06/2024 Duration:	3 Hr.	
	<ol> <li>Instructions to the Students:         <ol> <li>All the questions are compulsory.</li> <li>The level of question/expected answer as per OBE or the Course Outcome which the question is based is mentioned in () in front of the question.</li> <li>Use of non-programmable scientific calculators is allowed.</li> <li>Assume suitable data wherever necessary and mention it clearly.</li> </ol> </li> </ol>	ne (CO) on	
		(Level/C	Ma
		O)	
Q. 1	Solve Any Two of the following.		
A)	Explain use of 'cp' and 'mv' command with example	L1/CO1	
<b>B</b> )	Explain the use of 'nice' command with example in process management	L1/CO1	
C)	Describe command structure. Explain how to get help about a command in	L1/CO1	
	Linux O.S.		
	6500		
Q.2	Solve Any Two of the following.		
<b>A</b> )	What is the significance of command cd *.*	L2/CO1	
<b>B</b> )	How will you display only the lines common to two files?	L2/CO2	
<b>C</b> )	What is Linux shell? What types of shells are there in Linux?	L2/CO2	
	Me.		
Q. 3	Solve Any Two of the following.		
<b>A</b> )	Which command is used to view text files one page at a time in Linux?	L3CO1	
<b>B</b> )	What is inode no of file? Which command with option is used to display inode	L3/CO3	
	no of file?		
C)	What is the output of "df' and "du" command?	L3/CO1	
Q.4	Solve Any Two of the following.		
<b>A</b> )	What is process? Explain how to set priorities on process in Linux.	L4/CO3	
<b>B</b> )	What commands are used to list running process in Linux? Explain in short.	L4CO1	
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Q. 5	Solve Any Two of the following.		12
<b>A</b> )	What are semaphore used in Linux?	L5CO4	6
<b>B</b> )	What are the differences between pipes and message queues?	L5/CO4	6
<b>C</b> )	What is the difference between "shmctl" and "shmdt"?	L5/CO1	6
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