

CSS92 Tab



Date: 28/11/2023 Full Marks: 60 Time: 120 minutes

Q. No.	Write set number on your copy.		120 minute	5
	DESIGNATION OF THE PROPERTY OF	Marks	CO Mapping	BT Level
	DESIGNATION, DEPT and SALARY. The field separator is '~'. Write an awk script to print the employee name and id of all the 15000/	20	CO1. CO3,	Apply
	WAP in C to compute the prime numbers between 1 and 100 by creating 10 threads and equally distributing the job to all the threads to compute the prime numbers and print them in ordered sequence. For example, thread-1 will compute the prime numbers between 1 and 10 and will print them first, while thread-10 will compute the prime numbers between 91 and 100 and will print them only after thread-9.	d 20	CO2. CO3.	Apply



CSE, 5th Sem (2021 - 2025) Course Name: Operating System Lab Course Code: PCC-CS592



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Sem-End Practical Examination Set C

	5	I.	Q. No.	
	WAP in C to implement IPC using Signal, where the parent process will create a child process. When the parent process will receive a signal from child, it will take a string as input and print it after Capitalizing each word. This will continue until an interrupt signal occurs, when it will print an appropriate message and exit.	Create a data file 'student.dat' using four fields, NAME, ROLL, PHONE and ADDRESS. The field separator is ':'. (i) Now sort the roll numbers in reverse order. Write the file output in a new file, 'sorted.dat'. (ii) Replace lower case letters with the uppercase letters in the above file. Take file input using redirection. (iii) Write commands to find out the unique names from the above file.	Q. No. Answer all the questions	Write set number on your copy.
	20	20	Marks	
	CO2. CO3,	CO1. CO3,	Marks CO Mapping BT Level	
Apply		Apply	BT Level	

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Sem-End Practical Examination

Marks CO Mapping BT Level	CO1. CO3, Apply	CO2. CO3, Apply
farks CO M	20 CO1. CO5	20 CO2.
Q. No. Answer all the questions	Write a menu driven script to do the following, i) Show whether a file is special file or regular file. Filename is supplied by user. I. ii) Print number of files and directories under current directory Separately. Separately. iii) Check last modification date and time of a user given filename. Also handle the exceptions wherever applicable.	Take two integers as input from user in process P1 and store them in a shared memory space. Process P2 will read the integers from the shared memory and will return the average of these two numbers (float) back to P1, which will print the result.