Mid Semester Examination, Jan-Apr 2024 https://www.cmi.ac.in

| Name Arntra | Roll Number: MCS202304 |
|----------------|------------------------|
| Subject: DCBD | Date: |
| Course & Year: | Total No. of Pages: |

Begin here -

we will need,

67 Falm

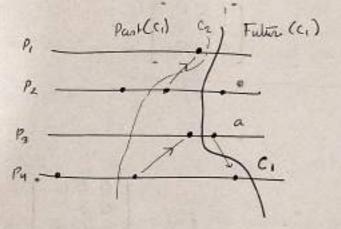
77 True

Now so, we need 26x. 8 MB

99 Amdahlis kun run be parallelized speedup 75 + 85 4 I count to parallely zon 100 75+6.25 100 81.25 non 9 (10) mun [000] 1901 अंद 8. Q-(11) Pi P2 3 . 2 40 (P3) 2 Py

24

9(12)



How c, is an incommistent cut

too both often don't in order a Cz is am

Mesz. 9(13) Round 1: don't know, don't know, don't know, don't know. pre-print Round 2: don't know, don't know, don't know, from nal 9.(14) 020 0000 000

9. (15) We will do the following approach.

1) first, divide the large-test into smalls chumber of tests
on each of words without
2) Use Hap programme them to get the vovoils from each chumb possible possible possible. (this process combe done by each word and then check if there is vowed on not)

3) once mpper is finished procening, sort and shuffle them to send the each (such word) to reduces nodes of all the instances of same word reach the same reduces noch.

4> reduces nodes thin (ducks) all the words and return the unique list of word to get the result they will be combined.

