CSE 331 ASSIGNMENT IN NAME: ANIKA ISLAM

10: 21101298

SECTION: 07

COEDOI ADDIGNMENT 2

for 10, 20, 100 fo = 17 (1)

Assume II to be reaction language.

Let the pumping length be p.

Now, take a "long strong, us.

m = 0,10 %

1W1 = P+P+P

INI 2 30 (length of w) [30 7. p]

1	> Kul canno	ot cross p
n u		
00	11	22
P	P	6

D. 10	7 0 0000 112	3
1	em b	
0	₩ ७	
1	~	
7	12	

Inm ? b

Plis not a meanlow promore commer vote. [m & r]

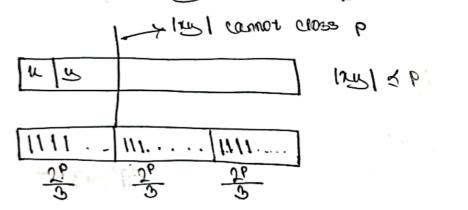
(7) ro- of 1, / v is or bomes or 5 }

Assume La to be regular larguage.

Let the pumping length to P.

Now, take a long strong, w.

[4 12] (we to the w) [2 7 p]



FOR JUNG , 18 = 13 = 13

to mos , Tilling

· L contains 13.

1517/26 + 3 76 + 6/05 21036 [18 655 5 3100 + 8/0/345]

. I count of our is not equal to the pumping length.

30. I must a p is violated.

If we pump one more in (usus), then 13/3/3/3/2 13/19

not the same as 12º

. 120 violates the pumping lamone oute. [wis & A)

12 is not a regular larguage. [WX L7]

of its not a regular language. (Though