AT-2 ROLL NO 17 (1 inchi TW esai BECMPNA MIII 02. sequence NN </8> CS> DT NN V DT NN V P DT NN <\5> LS> DT (S) N V NN (IS) Possibilities Bigrams P(DT/45>) = 2/3 = 0.67 <5> DT DT NN P(NN/DT) = 4/4=1 P(V/NN) = 2/5 = 0.4 NN V P(DT/V) = 1/3 = 0.33 V DT P(<15>/NN) = 3/5- 0.6 NN (15) P(P/V) = 1/3 = 0.33 v P P(N/45>) = 1/3 = 0.33 <5> N P(V/N) = +1/1=1 NV P(NNIV) = 1/3 = 0.33 VNN P(DT/V) = 1/1 = 1 PDT THANSITION MATHIX **V** N P <15> NN <5> DT 0 \circ 0.33 0 0.67 0 0 **25**> \bigcirc \circ 1 0 0 DT 0 0 0.6 0.4 0 0 0 0 NN 0 0.33 0 0 0.33 0 0.33 \vee 0 0 0 0 \Diamond 0 P 1 0 1 0 \triangle 0 \bigcirc N 0 0 \circ 0 0 \bigcirc 0 (15) 0 0

NLP

Tanmay Desai

MIII

03.

Emission

The students pass the test

The students wait for the pass

Teachers test students

Emission probabilities

		DT	NN	V	P	\ N		
	The	414	0.	0	-0	0		
	Student	0	3/3	0	. 0.	0	T	
	pass	0	1/2	1/2	0	0		
	test	0	1/2	1/2	0	0		_
	wait	0	0	~1/. ₁	0	0		_
	for	Ö	0	: 0	F/ 1	0		_
	teachess	0	0	0	Ö			_
					- 1	/ /		