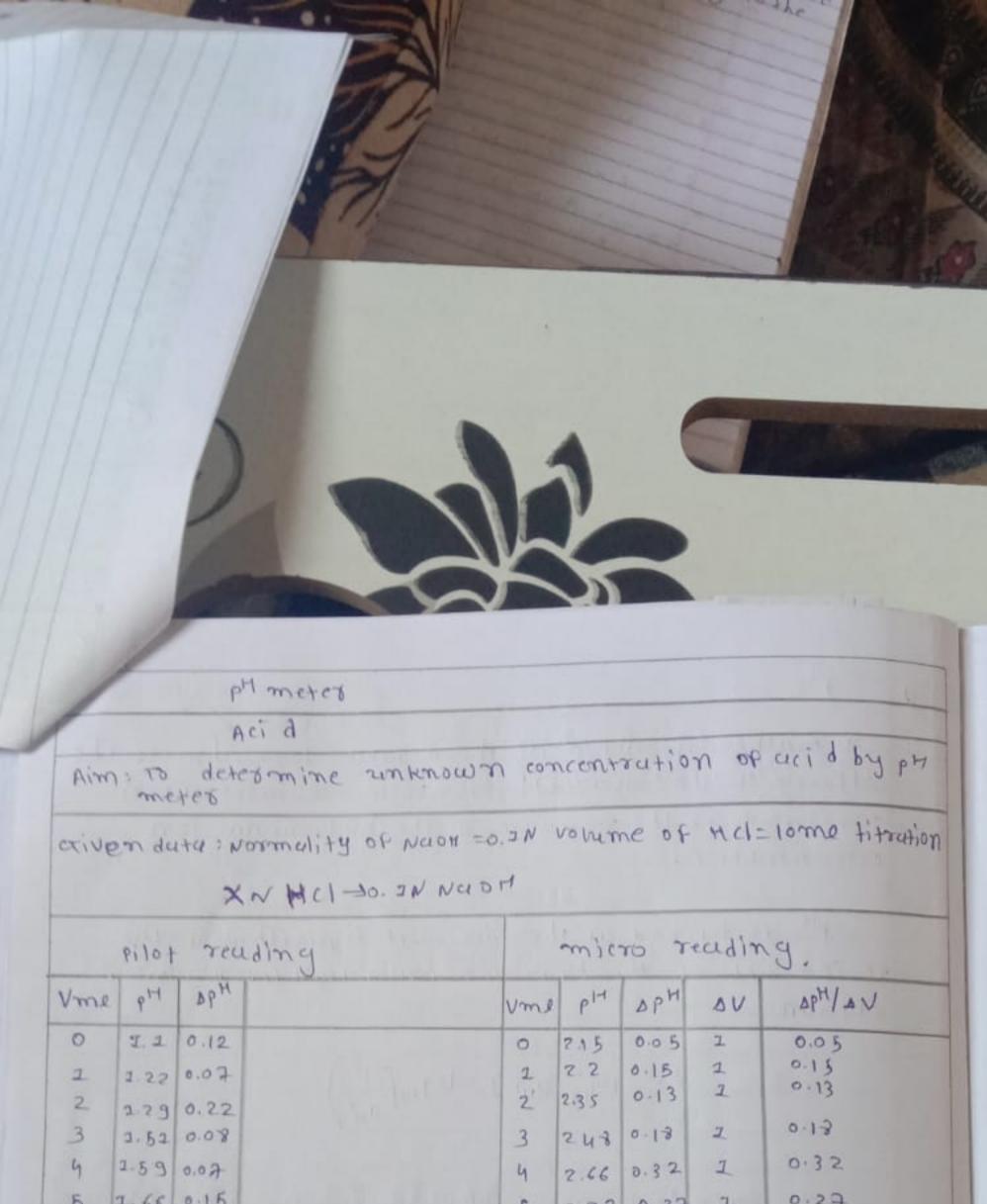
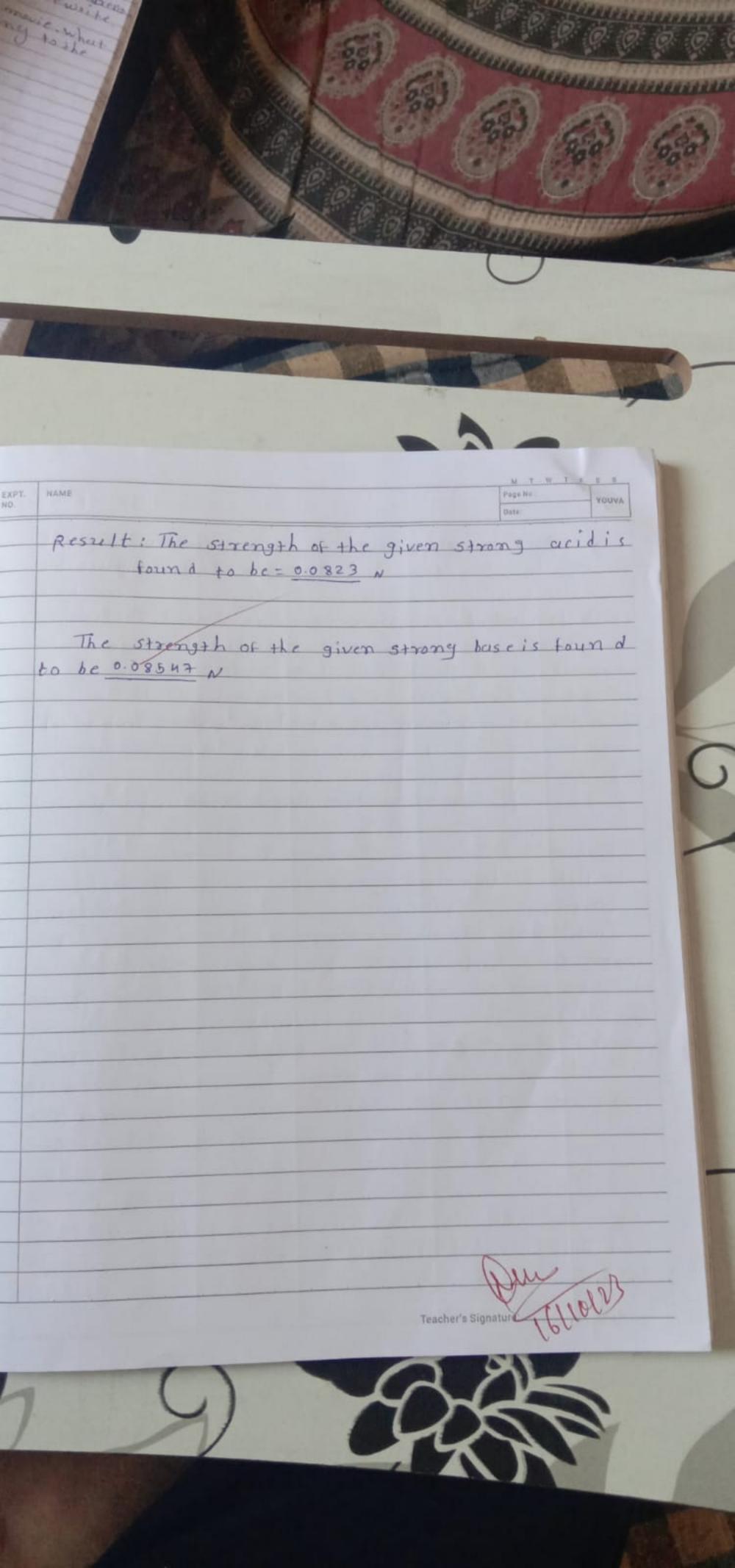


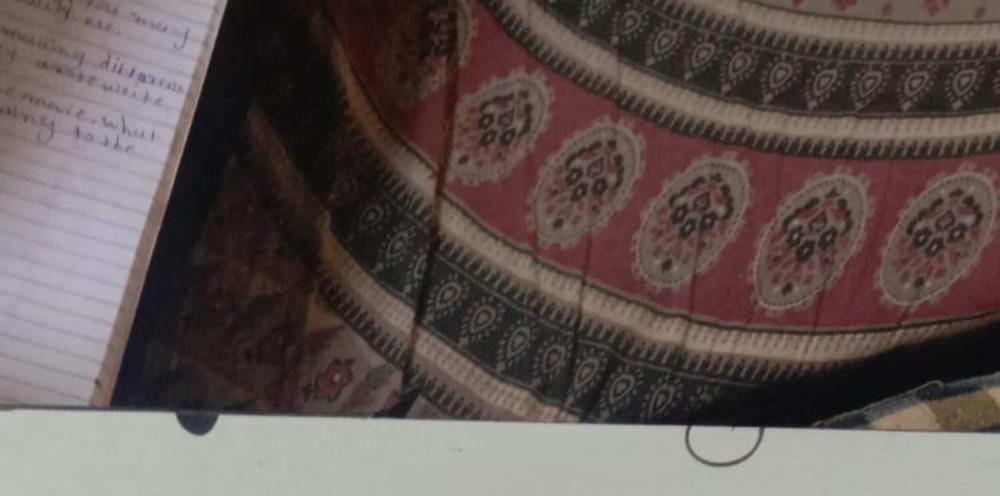
place until the point is reached. Farther addition of alkali raises the conductance sharply, as there is an excess of hydroxide ions. Aggraph is drawn between Volume of Noon added and the conductance of solution. The exact end point intersection of the two lines.

Teacher's Signature:_



Pilot reading					micro reading.				
Vme	PIH	APH		Vml	PIH	DPH	DV	DPH/AV	
0	1.1	0.12		0	215	0.05	1	0.05	
2	2.22	0.07		1	2.2	0.15	1	0.13	
2	2.29	0.22		2	2.35	0-13	1		
3	2.52	0.08		3	248	0-13	2	0.13	
4	2.59	60.0		4	2.66	0.32	1	0.32	
5	1.66	0.15		5	298	0.27	1	0.27	
6	1.81	0.09		6	3.25	0.43	1	0-43	
7	2800	0.09		7	3.68	1.29	1	2.24	
	2.25			3.5	4.52	10	0.2	0.3	
9 3	9.55	7.30		7.4	4.68	0.14	0.5	0.7	
10 9	1. 65	0.10		7.6	5.12	0.23	0.2	1.15	
11	9.82	0.17	1997 F. N. LO. (8)	7.8	5.35	0.13	0.2	0.65	
2 16	0.09	65.6		8	5.48	0.20	0.2	1	
	0.18	03.0		8.2	5,68	2.34	0.2	11.7	
	038				8,02		0.2	0.95	
	043	-		8.6	8.21	0.14	0.2	0.7	
				2.2	8.35	0.10	0.2	0.5	
				9				0.07	
1			A STATE OF THE STA	10	2. 52		1	0.03	
-310					2.55	0.13	1	0.13	
				12	215	0.07	1	6.07	
				13	8.75	0.40	1	0.40	
				14	9.15	0.13	1	0.13	





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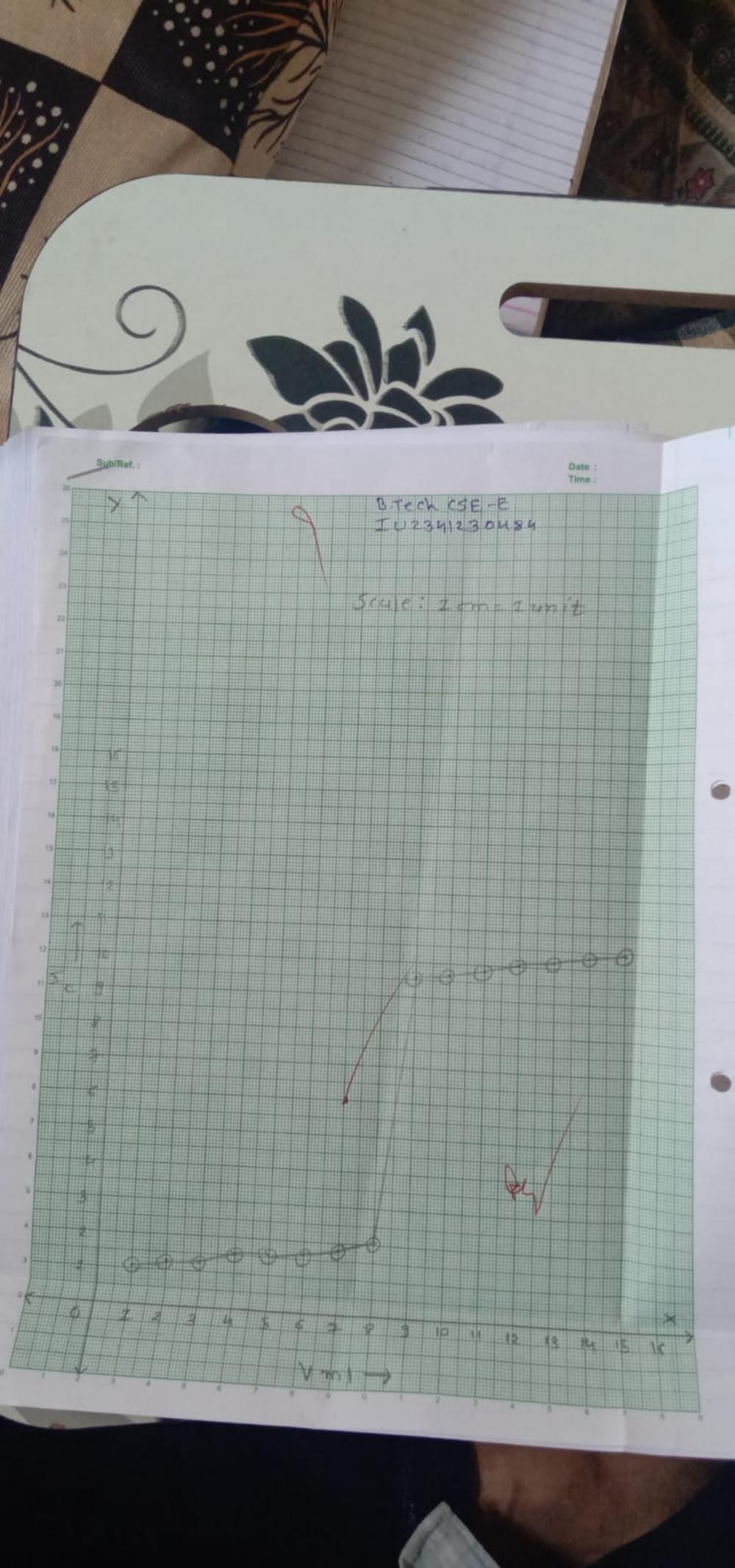
YOUVA HAME EXPT between a reference electrode and an electrode sensitive to the hydrogen ion activity when they are both immersed in the same agreeous solution. The reference electrose may be a silver chloride electrole or a calomel electrode. The hydrogen-lon selective electrode is a standard hydrogen electrode. Procedure: XN HC -> 0.2N NCIOH XN NOOH -> O. IN HC you have been given un unknown come on a roome of volumetric flush. Dilute the given soin to some with distilled water Take some of this som in glass beaker and 20 me of water into it. Fill the barette with unknown concentration of Mcland NaoH. Note down the reading by one me internal Cruph plot a gruph between.

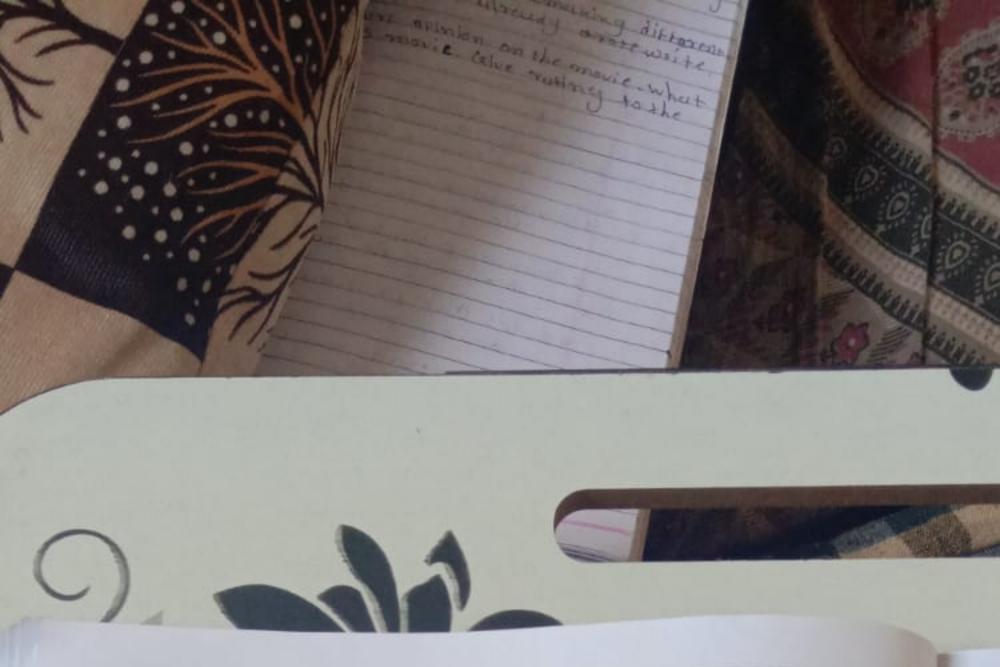
DpM -> Vme of titrate added

DpM/AV -> Vm of titrate added

Teacher's Signature:







-> calculation:

Volume of sodium hydroxide $V_1 = \frac{10ml}{20ml}$ Normality of sodium hydroxide $V_1 = \frac{10ml}{20ml}$ Volume of Hel $V_2 = \frac{10ml}{20ml}$ Normality of Hel $V_2 = \frac{10ml}{20ml}$ Normality of Hel $V_2 = \frac{10ml}{20ml}$

2) XN NOIDH -> 0.2 N HC1

volume of MUOH V2= 8

Normality of NOOH NZ= V, XN, VZ
= 20.125N

