

SET : C

OBSERVATIONS:

Table: 1

Resistance of the Potentiometer Wire (R) : 46 Ω

No. Of Obs.	Reading of the milliammeter to be calibrated i (mA)	Resistance r (box) Ω	Current in the standard milliammeter I (mA)	Balancing length L (cm)			Calculated current reading $i' = IRL/1000r$ (mA)	Corrected i-i' (mA)
				On Wire No.	Scale Reading	Total L(cm)		
1.	2.5	500	70	4	14			
2.	5	200	70	3	82			
3.	7.5	90	70	3	14			
4.	10	50	70	2	65			
5.	12.5	45	70	2	70			
6.	15	40	70	2	74			
7.	17.5	22	70	2	20			
8.	20	15	70	2	90			
9.	22.5	5	70	1	35			
10.	25	2	70	1	16			