## **Measurement Systems**

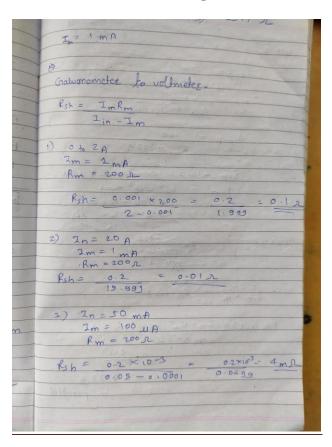
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Div.: TY-C

Roll No.: 24 (Batch B1)

LAB 1: Conversion of galvanometer to voltmeter and ammeter



an annound	
Rext. (Mr. Rim M.)	
1 1020	1
	-
Rs + Rm = 10 k 0-100 v	
	C
75p = 10 = ImA	0
	K
IESP = V'ESP	
Rent + (Rs+Rm)	-
2 mp = 100	
2 mA = 100 - Rest + 100 0	_
Rest. + 1000 = - 100 - 0.00 + 100 x 13	
Rext = 105-105 = 1	100
= 10 - 10	
= 99 k in series	100
Ammeter Prsp	- 0
1 mmeter Am own	
	-220
AMP DE LA CONTRACTION DE LA CO	
My.	
Jin 1A Psh (ext.)	-
The state of the s	-
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Rsh (ext) = Im Rm' = 1 x 0.3	
In (new) - Im 10 - 1	
= 0.3	
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0.0333	
	-
in parallel	
	10

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	0-1: to 10 v
	and the second
	Rs+ Rm = IEIC
	150= 1 = 15mA
	10000
	TESP = VIRIP
	Part + (P + P )
	15m A = . 10
No.	15mA = 10 1000
103	Rext +1000€ = 10000
	Rext. + 1000 = 10000
100	
	101 - 1001 = 10171000 = 10101 + 20 7 00 E
	2 1 1 10 10 10
	0 = 1 dto 10 p
	2 = - P 181800 4 20 7 2 16
1	Psh (ext.) = Im Rm' Tin(new) - Im
	Lin(new) - Lm
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