Measurement Systems

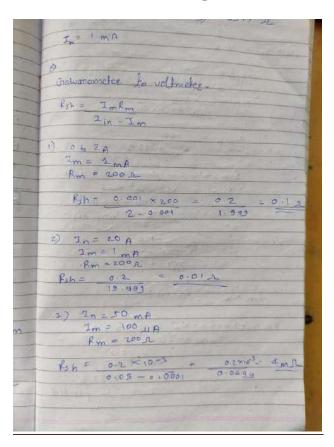
Name: Vivek Chandrashekhar Rugale

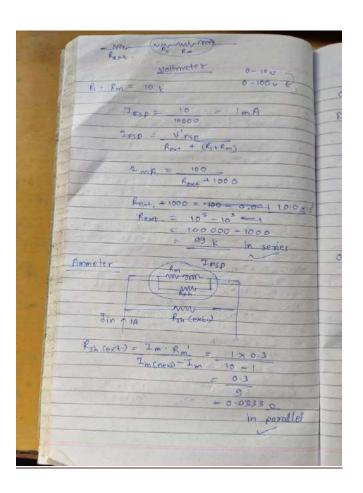
GR No.: 11810369

Div.: TY-C

Roll No.: 24 (Batch B1)

LAB 1: Conversion of galvanometer to voltmeter and ammeter





The second secon
0-1 to 10 v
Rs+ Rm = 12/2
Tesp= 1 = 18mA
10000
Tesp = V'Esp
hext + (Retlin)
15m A = 10
16mA = . 10 Rext + 1000
103 Rext. + 1000 = 10000
Ray = 9 K
inc.
10 - 100 = Farmacat & Fall 4-40 2 12 62 1
0-1 to 10 p
Represent) = Im · Rm
Psh(ext) = Im · Rm Tin(new) - Im
Thirtiew
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14 40 115 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
+ 10 H 1 - 10 A 1 - 10 A
(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B