



	UA + 52 = UB + KB. 9 VA = 9 VB + KB	
	9 (VA-VS) = 2 mev's.	
	VIS = 2(1.6 + 10-19) (56374.3-36 491.9) = -	1.95 + 106 ~ 4.
		1.95 × 106 mls.
a)	91 = - 15 mc 92 = 30 mc	
	R1 = 5 × 10 -3 m 82 = 10 × 10 -3 m (e)	
	VI 2 V2	
	K91 = X92 Q0 = O1	
	R1 R2 -15 w + 30w = 97	+90
	9, = 92 15 u - 91 = 92	
	121 82	
	91 = 15w-91 => R2 91 = 15w	-71
	R1 RZ RZ 91 = 15 m.	-91
	10×10- 91+91 = 15u	
	5.0/0-3	
	291+91:15u => 91:15u:	5 uc.
		= 5 u C
6)	$V_2 = K_{\frac{9}{2}} = K(10 u)$ 10×10^{-3} $9u$	15 w - 91
	92	= 10u C.
	V2 = 9 * 106 V	9 ×10 4 V
		1710

	P. 6	
	5.0 à N/C	
13 = (10, 6/m		
V=	Ed	1
V= W= 7 W= 9 Od	d= V (10-4)2 + (-6-8)2	
9.		
	d= 15.23 mm.	
Va- VB = W		
9.		
Vas = 9600 = 6d =	(15)(15.23) = 228.5 V	
2		
	Vq- V3= 228.5 V	1
	P.7	
V(x14) = 3 x2 + 242,		9
5 x = ? x = z	dv = 6x	
Y = 1mn	dx	
	Ex= -dv	
	dx	
0x=6(2) = -12V.		
	Ex= -12V	