Physics Assignment- 2

Class XII

Teacher: Mrs. Archna Date: 07.04.2020

Topic: Electrostatics

	Assignment-2
	(Electrostatics).
<b>%</b> I.	Two charges +9 each are kept at a distance d. A third charge a is kept b/w them in such a way that total
<b>Q</b> 3.	Two charges + q each cure kept at a distance d. A third charge Q is kept b/w them in Such a way that total system remains in equilibrium. Find position, nature and magnitude of Q (in turms of q x d).  Find force at C. +1µc +1µc +1µc +2µc
40	
<u>Q3</u> .	find force at 0. +zur c +1/4c
	+1µc +2µc
Mb.	- / /U F \ W
03.	and force at C.
28	Charges at A, B, C are
1	1 µc, 3µc,5µc resp. A (1,1) m (4,1) m
Q5-	A charge of of more 20gm is kept 10 cm below a charge of Q ij charge of P is stationary in air. Find charge of Q ij charge of P is 20pc.  A charge q of mars m is moving around a charge q in a Circle of radius x. q is at 10 cm.
06.	A charge q of mass m is moving around a
	charge of in a circle of radius & 9, is at
	9192
07.	Plot a graph showing variation of Coulomb love
	(F) versus (1) where is the distance by a two
	charges of each pair of charges (14c, 24c) and (24c, 34c)
9 1 08.	Three point charges of +24c, -34c and -34c are
	Three point charges of +2µc, -3µc and -3µc are kept at vertices A, B and C resp. of an equilibrial  of side 20 cm as shown. What should be sign
	of side 20 cm as shown. What should be sign

