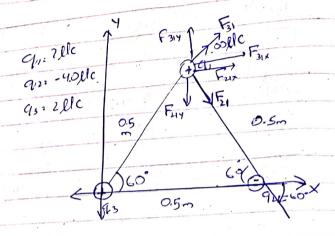


For Fi F31: -135,04 N FO8 P41:-Fy1: Kg194 , 9x10x-5x10, x-16x10 Ty = 280N for Fix Fix 144 - (-135.04) Cos (225) F1x2 48.51N For Fin Fax: 288 - (-135.04) Sin(225') FIY = 48.51 N

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QUESTION OL



Question 03;

91=-911C, x=0

0600

when E will be zero

F will also be zero

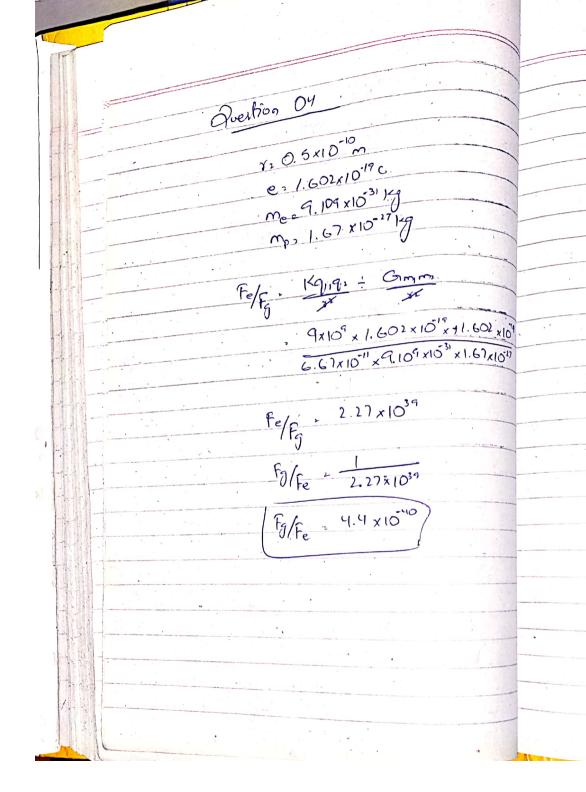
→ E will only be zero

when E, = Ez

E1 = E2 · Kq1 · Kq2 (1+y)2 · y2

1+9x10-6

1 = 0.5y



	_
Question 05	
8= 7	
0 -	
0. 6. 6	
01, 9x109 x (1.602x10.19)2	
104	-
7:1.52 x10 m	-
121.52 x10 m	-
	-
Ouestion 06,	_
	-
V294101 1000	- Committee
U, 294/40/5= 2.94×109/m/s	
Y: 1.13cm 20.0113m	
e 2 1.9x 1019C	
m = 1.67x10-27 kg	
charge on splipe:	
Since the newton is rounding	-
Since the peoplon is nevoling. Centripetal force must be	-
equal lo électrostatic force	
Egon to get toxicite toxice	
G /c	-
F _c 2/Fe	
muz Keg, / mvz = 9,	The second second
1 Tri Ke	Total Charles
	1

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