otes

PHYSICS 232/3 MARKING SCHEME



				sion to mo	CiiC					1mk 1mk		
(i)	accuracy ucm 35 40 45 50 55 60 70									THIK		
,	vcn	46.7	40.0	36.0	33.3	31.4	30.0	28.0		5mks		
	uvcm2	1635	1600	1620	1665	1727	1800			1mk		
	u + vcm	81.7	80.0	81.0	83.3	86.4	90.0	98.0		1mk		
				1						Tillix		
(i)	SIGN 1600 D 1004 1005									2mks 1mk 1mk 1mk		
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									1mk		
	= 20cm; +2									1mk		
				Slope = Focal length; = 20cm;								
	Slope			n ;		60	HO)	.K	9	1mk 1mk		
	d is also the if the objection are then re-	= 2 ne focal ect is pla efflected	length; ced at the by the pla	principa						1mk 1mk		
	d is also the if the obje	= 2 ne focal ect is pla efflected	length; ced at the by the pla	principa						1mk 1mk 1mk		
	d is also the if the object are then received is next to the interest of the i	= 2 ne focal ect is pla eflected the obje	length; ced at the by the pla ct cross-v	e principa ane mirro vire	r along th					1mk 1mk 1mk 1mk 20mk		
0.2	d is also the if the object are then real is next to the is next to the image.	= 2 ne focal ct is pla eflected the obje	length; ced at the by the pla ct cross-v	e principa ane mirro vire	r along th					1mk 1mk 1mk		
0.2	d is also the if the object are then received is next to the interest of the control of the cont	= 2 ne focal ct is pla eflected the obje	length; ced at the by the plact cross-v	principa ane mirro vire trudents	value)	ne same j	path ar	nd hence	the image	1mk 1mk 1mk 1mk 20mk 1mk		
0.2	d is also the if the object are then received is next to the second (b) L ₀ = (d) Mass (g)	= 2 ne focal ct is pla eflected the obje	length; ced at the by the plact cross-v	e principa ane mirro vire trudents	value)	ne same j	path ar	200	the image	1mk 1mk 1mk 1mk 20mk 1mk		
0.2	d is also the if the object are then resist is next to the distribution of the distrib	ne focal ect is plate effected the object 56.2cm	length; ced at the by the plact cross-v (accept s	e principa ane mirro vire trudents	value) 120 61.1	150 62.	path ar	200 64.8	250 66.6	1mk 1mk 1mk 1mk 20mk 1mk		
0.2	d is also the if the object are then red is next to the is next to the is next to the image. (b) L _o = (d) Mass (g) L (cm) E = L-L _o (ne focal ect is pla eflected the object. 56.2cm	length; ced at the by the plact cross-v (accept s	trudents 100 60.3 4.1	value) 120 61.1 4.9	150 62. 6.0	path ar	200 64.8 8.6	250 66.6 10.6	1mk 1mk 1mk 1mk 20mk 1mk		
0.2	d is also the if the object are then red is next to the is next to the is next to the image. The image is next to	me focal ect is pla eflected the object the	length; ced at the by the plact cross-v (accept s	e principa ane mirro vire trudents	value) 120 61.1	150 62. 6.0	path ar	200 64.8	250 66.6	1mk 1mk 1mk 20mk 1mk 1mk 2mks 3mks		
.2	d is also the if the object are then resist is next to the interest to	me focal ect is pla eflected the object the	length; ced at the by the plact cross-verse (accept seed accept se	trudents 100 60.3 4.1 8.74	value) 120 61.1 4.9 9.25	150 62. 6.0 10.	0 2 2 25	200 64.8 8.6 11.82	250 66.6 10.6 13.20	1mk 1mk 1mk 1mk 20mk 1mk 2mks 3mks		
.2	d is also the if the object are then red is next to the is next to the is next to the image. The image is next to	me focal ect is pla eflected the object the	length; ced at the by the plact cross-v (accept s	trudents 100 60.3 4.1	value) 120 61.1 4.9 9.25	150 62. 6.0 10.	path ar	200 64.8 8.6	250 66.6 10.6	1mk 1mk 1mk 20mk 1mk 1mk 2mks 3mks		









