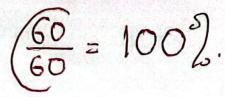
MARKING BUIDE

By ONDERI KENNETH 0705476300



S.1 TERM ONE EXAMINATIONS 2023

PHYSICS

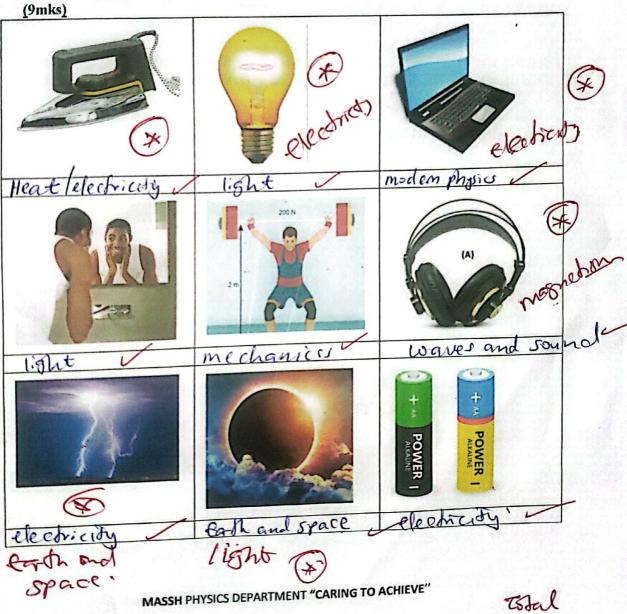
NAME	STREAM
TWENTE	

ISTRUCTIONS

TIME: 1 hour 30 minutes

Answer all questions

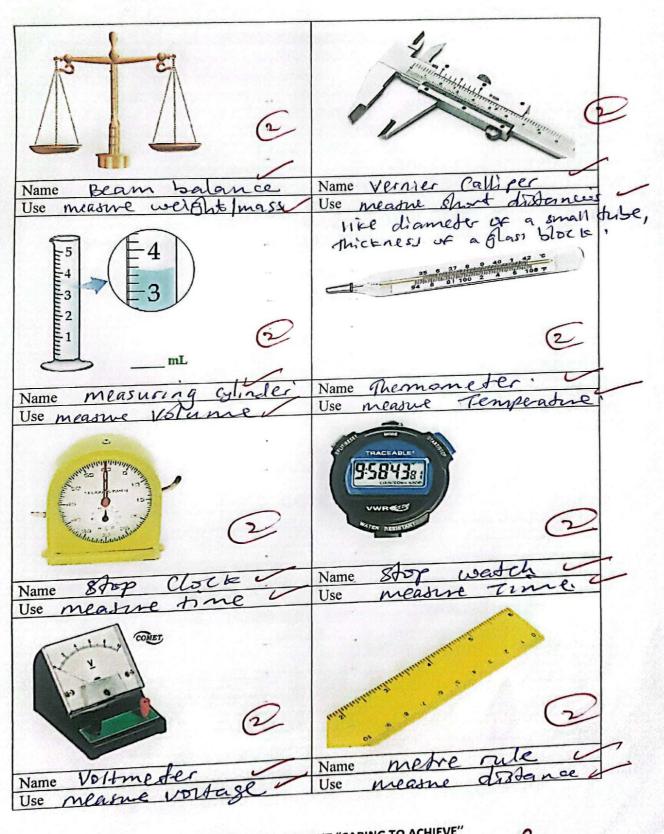
 Physics has eight major branches that are commonly applicable in daily running of our societies all over the world. by looking at the pictures below, you are required to identify the branches of physics using your knowledge of components of branches of physics you learnt.



By ONDERI KENNETH 0705476300

	2. The imp	ortance of	f physics in our lives is hig people's lives, and which	hlighted b	y the many ap	pplications that p	hysics has necessities	
	of life h	ossible ili	ost people are not aware o	f this sign	ificance. Exp	lain briefly four	ways how	
			ur daily life. (4mks)	i uno pigi	intention. Ling		•	
	physics	heips in o	Muments hel	p ps	edict.	the weat	ner and	
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+	- So	lue	daily energy	needs	usma	Solar	energ	4
	3	ave a	re environm	ent	by elin			se
	· · · · · · · · · · · · · · · · · · ·	nano	sement esp	eriall	plan	1		
	3 During	the visitat	ion at your school parents	and guar	dians flooded	the school com	pound and	
	as part of	of school	way of promoting their sch	hool to th	e outside com	munity you are	one of the	
	few stu	dents sele	ected to show the parents	around	the school la	boratory. Where	eas in the	
	laborato	rv many a	pparatuses were organized	to be dis	played to the	parents and guar	raians who	
	were ea	gerly wait	ing to see how well their	earners h	ave attained k	nowledge and sl	kills while	
	at school	1.						
	a) Refe	ore vou le	t the parents in the labor	atory, doi	n't forget to i	nform them abo	out what a	
	labo	ratory is,	and also inform them abou	it the rule	s and regulati	ions they must a	ibide by as	
	41	anton the	laboratory for the tour (5m	nks)				
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	e	MA SON	rends girl	ann.	aour		sodo	the las
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	ب	Jan.	must ensure		lence			ordent
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	V		setety glass		() () -	le 10 10	Pas	
			aftery great			emitted	exper	iners
	<i></i>	700	its identify the name and	uses of ea	ch apparatus l	abeled below.	20mks)	
	b) Help	the parer	its identify the name and	1365 01 64				
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			0		OF PIPE	Mica	000	
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			MASSH PHYSICS DEPARTM	ENT "CAR	ING TO ACHIE	VE"		
						Total		
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						13		
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By ONDERI KENNETH 0705 476300 /0771940855



By ONDERI KENNETH 0705476300

4. From question 3 above, identify the best instrument for measuring the following distances in order to help attain the best results possible. (10mks) (i) Length of the school basketball ground
Jess is painting a giant arrow on a playground.
a) Find the area of the giant arrow. (7mks) 24-18
10 ft 24 ft 10 B. 18 ft B. (According to the Area of
5 ft - (reetenste) Tricorole
5.
= (1 x w), + (1 x b x h)
(1×20×6)
= (18×13) + (-2
- 180 + 60
240 07. by
b) If one can of paint covers 100 square feet, how many cans should Jess buy? (5mks)
b) If one can of paint covers to an all the control of the control
100 ft = 1 Can
b) If one can of paint covers 100 square feet. how many cans should buy 240 H = 240 × 1 3 Paint Cans 100 ft = 1 Can 240 × 1 3 Paint Cans
to cover 240ft of
240H2 = 214 Cand 1 to court amous
fort deserves great reward)
The end (Great effort deserves great reward)
" " ACHIEVE"

MASSH PHYSICS DEPARTMENT "CARING TO ACHIEVE"

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