# MASESE DISTRICT PRIMARY SCHOOL HEADTEACHERS' ASSOCIATION

### PRIMARY LEAVING MOCK EXAMINATIONS 2024

# INTEGRATED SCIENCE IS TO THE TOTAL

Time Allowed: 2 Hours 15 Minutes

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Candidate's Name_	٠.
Candidate's Signature	
School Name	
Sub-county	

### DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

#### Read the following instructions carefully

- 1. This paper has two sections; **A** and **B**.
- 2. Section A has 40 questions (40 marks)
- 3. Section **B** has 15 questions (60 marks)
- Answer <u>ALL</u> questions in Section A and Section
   B. Answers must be written in the spaces provided.
- 5. All answers must be written using a blue or black ball-point pen or ink. Only diagrams may be done in pencil.
- 6. Unnecessary alternation of work may lead to loss of marks.
- 7. Any handwriting that cannot easily be read may lead to loss of marks.

1	EXAMINE SE ONLY	RS'
Qn. No.	MARKS	SIGN
1 - 10	T VAWE	20 TISM
11 - 20		,
21 - 30		. 6
31 - 40	The state of the s	
41 - 43	Total Control	
44 - 46	14 54 #8 75	
47 - 49	n ann a	
50 - 52	le mere	10
53- 55		
Total	9m est	140
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## SECTION A (40 MARKS)

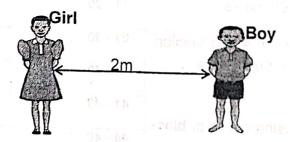
1.	Name a	ny one pr	oduct from cat	tle.	A Lithurson or a	
	ASON	AMOUN	AMMAX	NOOM	AMIVAR	X 70.00

2.	Which part of	a flowering plan	nt produces	good smell to attra	act insect for
	pollination?				
		15 Minutes	2 Hours	thewellA umiT	

3.	Give one way a	farmer can	identify a	ripened	jack fruit
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- 4. Name the device used to reset a six's thermometer.
- 5. Which type of skeleton is found inside the body of an organism?

The diagram below shows a girl and a boy standing a social distance of 2 metres away from each other. Use it to answer questions 6 and 7.



- 6. Give one disease that can be controlled by applying the practice shown in the diagram above.
- 7. State the importance of applying the above practice in public places.

2

8.	Which state of matter has enough room for expansion compared to other states of matter?
	the state of the s
9.	Name the vector that spreads Bilharziasis in human beings.
10.	Give a reason why a sugarcane is not a stem tuber and yet it stores its food in a swollen stem.
, mar	ra vynai nappens ig partiabelled ny k anet fertilizationy i e en e
11.	Which blood component is affected by the plasmodia germs?
	is. Grade one reason why some objects are streamlined: The Colonial Colonial
12.	Apart from carbondioxide, name one other raw material needed by plants to carry out photosynthesis.
13.	State one reason why it is important to wash hands before handling food.
14.	Name the body organ sensitive to feeling.
15. 21de	Give any one advantage of lightning to crop farmers.
6. <i>i</i>	Apart from earthworms, give any one other example of segmented worms.
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The diagram below shows an egg of a bird. Use it to answer questions 17 and

-	Septem 's
	Name the second way
0	Name the part marked with letter X.
	What happens to part labelled "Y" after fertilization?
	State one reason why some objects are streamlined.
	How does a gecko protect itself from enemies?
	Name the type of fertilizers manufactured from chemicals.
	State how the lifecycle of a cockroach is different from that of a housefly.
	Apart from pneumonia and coccidiosis name any one other disease of rabb
	Acatt from as thwomes, give any one objet example of reducingly women

108

1 2	liagram below shows a broken bar magnet. Use it to answer questions 26.	25
	S N n napage of keep and a some son your evid	88
Transport o		
· ·	s diagram below shows a water cycle. Usalitic answer questions 34 an	or T
	(a) What is the ACC ACC ACC	ing t
	Name pole marked with letter P on the broken magnet above.	
	titus – tit variatis om elikalis jakoli kalistis om om omnenen om elikariska kansaka i skata	313
1	State the property of magnets shown in the diagram above.	
	(a) best and an enteresting of the parties of the state o	
	Which element of P.H.C involves application of vaccines?	N.
	The first of the f	,
	Give one reason why it is important to sneeze or cough in a handkerchief.	
	Which doub is marked C?	.8:
	y) - ve en (150 de <u>1660 pl hada a cisso</u>	
	Name the source of energy for producers in the food chain.	
	Give the term used to describe a person who has got an accident.	, Ol
	to the state of a continue to the state of a con	
•	Why is it not necessary to put a lid on the hole of a ventilated improved pit	
	Apart from frogs. loads and salamanders give one off or example. Senior	
	ansidingne	
	5 Turn o	

31.	State the importance of saliva during digestion of food in human beings.
32.	How is natural immunity acquired? red nexord a sworte wolled mengelb on
33.	Give any one importance of keeping animals at home.
The 34.	diagram below shows a water cycle. Use it to answer questions 34 and 3  A  Water body  Name the process taking place at point B.
35.	Which cloud is marked C?
36.	Give the term used to describe a person who has got an accident.
	to Way is if not necessary to put a lid on the hole of a ventilated improved pit
37.	Apart from frogs, toads and salamanders give one other example of amphibians.
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How is natural immunity acquired? The analysis a sworts would margell a
The second secon
Give any one importance of keeping animals at home.
diagram below shows a water cycle. Use it to answer questions 34 and
Name pare many than the control of t
Stelle Doc 1 of 1
water body
Name the process taking place at point B.
Assistant productions of the second of the s
Which cloud is marked C?
Warrantha course of accuract for sundacements the feed engine
Give the term used to describe a person who has got an accident.
Apart from frogs, toads and salamanders give one other example of
amphibians.

W	nich group of annual crops helps to prevent kwashiorkor in young c	hildren
1	and it would be home protections any temporally assemble surelarly many getter	
Na	me the garden tool commonly used for watering crops.	- 10 07 0 ·
	garden tool commonly used for watering crops.	
	SECTION B (60 MARKS)	la
(a	The state of the s	
		patricina bisseries e e
	DAY WIT	
(b	Give any one type of accident one can experience on the way fr	om sch
	to home. O be William and entering to east est email	(6)
	14/	164
(0	State any two reasons why we give First Aid.	(H)
(i)	all the social election are gold to it any disease and year and	/ri1
(ii		
(a	Apart from removing dirt give other two ways of keeping our bod	ly clean
(i)		(8)
(ii	When one of the property of the chief will be property to the chief of	(e)
(b	Give any two dangers of being unclean.	
(i)		(ii)
(ii	Name any one standard unit for measuring weights.	(d)
(a	Name the part of the tooth which breaks hard bones.	
	- Particular and annual from early of the particular and annual file	(0)
<u>/h</u>	Why is the pulp cavity a living part of the tooth?	
(b	vally is the paip savity a hang part of the tooth?	
_		- 12

	(c)	State any two activities done under oral health.	
	(i)	Company and the second of the	
	(ii)	the state of the s	Merty IA c
		aroup of annual crops halps to present lovestriorizor in young of	
44.	The	diagram below shows different germinating seeds. Use it t	to answer
		Stions that follow	
		the gorden tout continonly used for watering crops.	
	* Control of the Cont		
The second state of		ground level	
		Tw Q	
loorio	e mo	Give any one mae of anudent one can expendence on the way fin	
	(a)		
	(a) -(i)	Name the type of germination shown in <b>W</b> and <b>Q</b> .	
	(ii)	State any two reasons why we give first Aid.	(0)
	(b)	Give any two conditions that help germination to take place in t	
		diagram.	ne above
	(i)	Apart from seconing the give other two ways of keeping our body	
	(ii) <u> </u>		(1)
45.	(a)	Which type of force pulls objects towards the ground?	(1)
	(i)	Give any two day gere of paing undean.	
	(ii)	Nome any one standard with	
	(b)	Name any one standard unit for measuring weights.	(11)
	(c)	Calculate the weight of the boy whose mass is 30kg.	(8) (8)
	All Townson		(2mks)
		Nyon a tire only cavity a former point of the toath?	
particular of			
40 415		8	
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(b)	How is the germ that causes typhoid fever spread?	(a)	
(c)	State any two ways of preventing the spread of the disease.		n negation
(i) <u></u>		(b)	
(ii)	maccake place in plants.		
(-)		and the	
(a) (i)	Give the role of each of the following types of bees:  Drones	(5) (:	<u>e</u> r
(ii)	Worker bees	Ou.	
	Give the farm practice carned out in since that I pigs it to -	(d)	
(b)	How is a queen excluder important in a modern bee hive?		ects of
	en de la completa del completa de la completa del completa de la completa del completa de la completa del completa de la completa del la completa della della completa de la completa della completa dell		
to a	diagram below shows a process which takes place in plants.	Use	e it
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.	Use	e it
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  All the first bod entropes to equit a awards would slot to equit a awar	Use	
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.	Use orti	
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  All the process which takes place in plants.  Polythene bag enjoyed to say a swork world close to the plants.  Polythene bag enjoyed to say a swork world close to the plants.	Use orti	
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  All the process which takes place in plants.  Polythene bag enjoyed to see the place of the plants.  Polythene bag enjoyed to see	Use Shi Typ (a)	
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  In the plants best entropy to say a swork would clost a plants of attack to say a swork would clost a plants of attack to say a swork would clost a plants of attack to say a swork would clost a plants.  Polythene bag entropy to say a swork would clost a plants of a swork would clost a plants.  Polythene bag entropy to say a swork would clost a plants of a swork would clost a plants.	Use Str Typ (a)	.05
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  Polythene bag water droplets was species of the plants of the plan	Use Strain (a) (b)	
to a	diagram below shows a process which takes place in plants.  nswer questions that follow.  In the plants best entropy to say a swork would clost a plants of attack to say a swork would clost a plants of attack to say a swork would clost a plants of attack to say a swork would clost a plants.  Polythene bag entropy to say a swork would clost a plants of a swork would clost a plants.  Polythene bag entropy to say a swork would clost a plants of a swork would clost a plants.	Use Str Typ (a)	.05

	(b)	Give the importance of the polyt	hene bag in the experiment above.
	(c)	How are the water droplets form	ed?
		The state of the boundary and anyth	guest to supret med time sig(2 (a)
	(d)	Apart from the above process shat take place in plants.	nown above, name any other one proce
49.	(a) (i) (ii)	State any two methods of grazin	g goats and sheep.
	(h)_	Give the farm practice covided as	Ange (newton) (II)
	(i)	Give the farm practice carried ou Control foot rot	en sneep that helps it to:-
	(ii)	Make mating easy	
50.	The Stud		wohol rent anodesup reware cocine and the body site it is applied.
	Тур	e of vaccine	Body site
	(a) S	Sabin polio vaccine	1-09
	(b)		Right upper arm.
	(c) N	Measles vaccine	
			Left upper thigh
51.	(a) (i)	Write down any two classes of the	e simple machines. (B)
	(ii)		
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		(1)
(c)	State any one way how pulleys are useful at school.	(c) Sugges
(a)	Mention any two sources of natural sound.	Study the ta
(i)		weiler
(ii)_	M fai (	Mist
(b)	Which state of matter does sound travel fastest?	Goat
	ewaC:	Whate Lion
(c)	Give any one major methods of storing sound.	Pat
		4 - 4 - 43
(a)	Name the type of thermometer used to measure the hu temperature.	man body
(a)		ortwint (p)
(b)	Why does a doctor shake the thermometer hard before	using it to the
(b)	Why does a doctor shake the thermometer hard before next patient?	using it to the
(b) (c) (i)	Why does a doctor shake the thermometer hard before next patient?  Mention any two liquids which can be used in thermometer.	using it to the
	Why does a doctor shake the thermometer hard before next patient?  Mention any two liquids which can be used in thermometer.	using it to the

		o show that an individual is suffering from	
(i)			****************
(ii)_			
(c)	Suggest the best wa	y of controlling the spread of AIDS.	
Stu	dy the table with two	lists below and use it to answer questi	ons
follow.			
Lis	it M	List N	ceuin i nec <del>laine</del> riindente
Go	81	Crocodile	annum et Provincia Santancia
W	1ale	Dove	Charles of the Colorest
Lio		Frog	
Ra	(JE N. P.	Tilapia	rom malappana
(b)	To which class of an	imals do those animals in list M belong?	
(b)	To which class of an	imals do those animalis in list M belong?	
Salaminer St. Endoug		imals do those animals in list M belong?  a in list N similar to a whale in list M?	
(c)		a in list N similar to a whale in list M?	
CC)	In which way is tilapi	a in list N similar to a whale in list M?	
(c)	In which way is tilapi	a in list N similar to a whale in list M?	
CC)	In which way is tilapi	a in list N similar to a whale in list M?	THE RESIDENCE OF STREET
CC)	In which way is tilapi	a in list N similar to a whale in list M?	
CC)	In which way is tilapi  What is common abo	a in list N similar to a whale in list M?	THE RESIDENCE OF STREET
CC)	In which way is tilapi  What is common abo	a in list N similar to a whale in list M?  Out animals in list M and list N?	
CC)	In which way is tilapi  What is common abo	a in list N similar to a whale in list M?  Out animals in list M and list N?	THE RESIDENCE OF STREET