## KAMPALA PRIMARY SCHOOLS' SKYLINE EXAMINATIONS™

## Pre-MOCK - 2023

3

## INTEGRATED SCIENCE AND HEALTH EDUCATION

Time Allowed: 2 hours 15 minutes

Inc	iex No.			
Ca	ndidate's Name:			
Ca	ndidate's Signature:		······································	
Sch	nool Name:			<b>.</b>
Dis	trict Name:			
DO	NOT OPEN THIS BOOK LET UNTIL YOU ARE TOLD TO DO		FOR EXAMINI	rps.
Rea	ad the following instructions carefully;		USE ON	
1.	The paper has <b>two</b> Sections: <b>A</b> and <b>B</b> .			
2	Section A has 40 short questions (40 marks).	FOR EXAMINERS' USE ONLY		
3.	Section B has 15 questions ( 60 marks ).	Qu. No.	MARK	SIGN
4.	Attempt ALL questions. All answers to both Sections A	1 - 10		

4.	Attempt ALL questions. All answers to both Sections A and B must be written in the spaces provided	1 - 10	
		11 - 20	
5.	All answers must be written using blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.	21 – 30	
		31 – 40	
6.	Unnecessary alteration of work will lead to loss of marks.	41 - 43	
7.	Any handwriting that cannot easily be read may lead to loss of marks.	44 – 46	
		47 – 49	
8.	Do <b>not</b> fill anything in the boxes indicated for examiners' use only.		
		50 – 52	
	•	53 – 55	
		TOTAL	

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## SECTION A

3. How is the use of n	atural fertilizers important in a crop g	garden?
4. Give one way of pr	eventing garden tools from rusting.	
5. Identify the longest		
6. What is a weed?	••••••	,
	below and use it to answer question	
P	7. Why is space P left in the so	da bottle?
	3 7 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Which form of an are		
Which form of energ	y stimulates hearing?	
Why should all infan	ts need to be administered BCG vac	
	ancy be a danger to a P.7 girl?	
. Why does a pit latring	e stop smelling after smoking?	
	the response of plant roots towards	
	ent which is conserved by mulching	
Who is a near drowne	d person?	
	C is promoted through vaccination	

17. State one role of a worker bee in a hive.  Study the diagram below and use it to answer question 18. How useful are the substances process.	
the diagram below and use it to answer question 18	
the diagram below and use it to answer question 18	
18. How useful are the substances pr	J.
	oduced at K to a plant?
K	_
19. Which living organism helps during fermentation of glucose	
the partial during remember of glucose	into alcohol?
20. State the form of energy possessed by a P.7 boy who is runni	ng.
21. Why do poultry farmers put litter on floors of poultry houses	?
Study the diagram below at the state of the	<u> </u>
Study the diagram below and use it to answer question 22	
22. Name the lens shown at the side.	
) (	
	· · · · · · · · · · · · · · · · · · ·
23. Name one example of exotic beef breed of cattle.	
· · · · · · · · · · · · · · · · · · ·	
24. Which disorder to the digestive system leads one to have faeces because it is hard and dry?	difficulty to push ou
25. State the difference in feeding between a frog and a tadpole.	
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25. State the difference in feeding between a frog and a tadpole.  26. What are the multipurpose trees in agro-forestry?	
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25. State the difference in feeding between a frog and a tadpole.  26. What are the multipurpose trees in agro-forestry?  7. Give a reason why decanted water is not suitable for drinking	
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31. What is "pitch" in sound?	
,	
2. Give one way the skin is useful	I to us.
What gams gaves Trick	(CTD)0
3. What germ causes Trichomonia	
Mantion the recent value 6	
4. Mention the reason why fuel-sa	
Study the diagram below and	
Study the diagram below and	what importance is substance at X in the joint?
	rsed in water and it displaced water equal to 20cc.
What is the volume of the stone	rsed in water and it displaced water equal to 2000.
the stone	
. Which electrolyte can be used ir	n simple cells (wet cells)?
	lle important to a captain in the Atlantic Ocean?
	ment of Uganda has tried to preserve or conserve
endangered species of wild anim	ials.
. Why is a kangaroo regarded as a	manmal <sup>9</sup>
	_ ·
	······································
	SECTION B
a) How can people who keep cat	ttle try to improve the quality of their local breeds?
h) Identificant and it is a	
b) Identify one exotic breed of ca	attle.
c) What is Ranching?	
d) Montion and it is the	offeet
d) Mention one viral disease that	affects cattle.
CVI INC initiation & DDINGS D. A. A.	
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Study the diagram below and use it to answer the questions that follow.



0)114	ne the method shown above used for producing temporal magnets.
c) Ider	ntify pole marked Y.
d) Mei	ntion any other method used for producing a temporal magnet.
	e the function of the following parts to a mushroom:
(i) gills:	
(ii) mycell	ium:
b) In w	hich way is a mushroom different from a maize plant?
c) Whi	ch food value does one obtain after eating mushrooms?
	e diagram below to answer the questions that follow.
	M—————————————————————————————————————
<b>44.a)</b> In w	hich way can friction be a nuisance to a carpenter?
	are parts marked M useful to a vehicle driver?
c) How	do mechanics try to reduce friction in moving parts of vehicles?
	de la
d) Men	tion any one use of friction to a child in class.

b) State any one cause of a fever.	
c) What first aid can be given to a victim of a fever?	* :
d) Mention any one effect of fever to an infant.	
46. a) Give two organisms that can cause dysentery.	
(i)	•
b) Mention any one effect of excessive diarrhoea to a patient.	
c) State the importance of giving ORS to a dehydrated person.	•
Use the cross-section through the human heart to answer the questions that follow	•
E C	
37.a) Identify the parts marked:	
<b>D</b>	
b) State the similarity in blood vessel <b>A</b> and blood vessel <b>B</b> have.	
c) Mention one disease that affects the organ above.	
8.a) What is weaning?	
b) At what age should mothers wean their babies?	
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c) Which mineral s	alt is lacking in milk?
d) Give the disease	that affects children when they don't take adequate carbohydrates
In the diagram belo	ow, porridge was put in two cups and placed on a table.  answer the questions that follow.
ceramic c	plastic cup yo cups will the porridge cool faster?
	your answer in (a) above.
c) How does heat fro	om cup A reach the table top?
d) Why does porridg	e in cup B take longer to cool?
	ns needed for photosynthesis to take place.
(ii)	s given out during photosynthesis as a gas?
c) Why can't photosy	nthesis in green plants take place at night?
51. Fill in the missing respective functions.	information about some of the parts of a fish and their
Parts (A)	Functions (B)
Operculum	
Scales and mucus	Steers the fish during propulsion.
Scales and mucus	Detects vibrations in water.

52.a) What is First Aid?	
b) Give two reasons for providing First Aid to victims of accidents.	
(i)	
(ii)	
c) What First Aid can be given to a victim of convulsions?	1.0
Use the diagram below to answer the questions that follow.	
with the diagram below to answer the questions that	
\ /80kg	
53.a) Identify the simple machine shown above.	
***************************************	
b) Work out the effort needed to move the load given.	
c) Mention the class of lever that behaves like the simple machine given.	
d) Why is a hoe said to be a simple machine?	
54.a) State any two biological changes in living organisms.	
(i)	
(ii)	
c) Name any one type of twins.	y
***************************************	
55.a) Give one way we can care for trees.	
b) State two reasons why people these days plant multipurpose trees.	
(i)	
(ii)	
The state of the s	