MASAKA CITY EXAMINATIONS BOARD

MOCK EXAMINATION- 2023

INTEGRATED SCIENCE

Time allowed: 2hours 15 minutes

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	l	l	<u> </u>		,		

Candidate's Name	••••••
Candidate's Signature	••••••

School Random Number.....

Read the following instructions carefully:

- This paper has two sections A and B. Section A
 has 40 questions and section B has 15 questions.
 The paper has 12 printed pages altogether.
- 2. Answer all questions. All answers to both Sections A and B must be written in the spaces Provided.
- 3. All answers must be written using a blue or black Ball point pen or ink. Any work written in pencil will not be marked
- 4. Unnecessary changes in your work hand writing that cannot easily be read may lead to loss of marks. 5. Do not fill anything in the table indicated "For examiners' use only" and the boxes inside the question paper.

FOR EX	AMINERS'	USE ONLY
Qn. No.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		W
31 – 40		
41 – 43		
44 – 46		
47 – 49		,
50 – 52		(
53 - 55		
TOTAL		
•		,

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Turn Over

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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

۱.	Name the type of teeth present in the mouth of an adult human being.	1
2.	Name one solvent used in the preparation of oral rehydration solution.	1 ,
3.	Mention any one way farmers can maintain soil fertility in the gardens.	ir
4.	Give any one method of heat transfer in matter.	
	Why are crushed egg shells added to the layers mash?	
	he diagram below is of a type of joint. Use it to answer questions	6
C	and 7	
6	above.	'n
7	. State the importance of part Z in the joint.	
8	State any one process involved in the rain cycle.	•••

9. What type of air current enters the house through windows and doors?
10. Give one use of alcohol to ក school Nurse in the sick bay.
11. How is the human kidney useful in the process of excretion?
12. State any one reason why houseflies lay their eggs on decomposing matter.
13.State one characteristic of objects that float on water.
14. How useful is a swim bladder to a fish? 15. Name any one flesh eating mammal kept at home.
The diagram below shows a ray of light striking a glass prism. Use it to answer question 16 and 17.
LIGHT RAY PRISM
16.Name the glass prism shown on the diagram above.
17. Why does the light ray bend when it enters the glass Prism?
18.Give any one way in which you can use plants as energy resource.
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19.How do teeth help in proper digestion of food?
20.State one use of echoes to pilots.
21. Give any one way some plants use to climb others.
22. Why is a tick classified as an arachnid?
23. Suggest one way how too much sunshine can be dangerous to crop farmers.
The diagram below is of a beehive. Use it to answer question 24 and 25 24. Name the type of beehive shown in the diagram above 25. Give one reason why most rural bee farmers prefer the above type of beehive.
26.Why is dew formed at night?
27. State one way clay soil is useful to the construction industry.
28. State the importance of rusting in the environment.
29. Write any one immunizable disease that affects the lungs.

30. Apart from zero grazing, name any other system of grazing cattle.
31. Name the type of fungi that helps in baking bread.
32. Give the first step in the cleaning of clothes.
33. How does a moth get attracted to a night rose flower?
34. State any one way of caring for sick people.
35. Name one root tuber crop which is propagated by use of seeds.
36. Write down any one activity done during a health parade.
37. Of what importance are Halteres to an insect during flight?
38. Give any one reason why farmers in Kisoro terrace their land.
39. Apart from brushing teeth, mention any one way a person maintains oral Health.
40. State one way of controlling diarrhea diseases.
······································
SECTION B: (60 MARKS) Question 41 to 55 carry four marks each.
41 (a) What is a ranch?
(b) Mention any two factors to consider when starting a ranch. i.
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ii.
(c). What is the importance of capital as a factor of production?
The diagram below is of a child suffering from deficiency disease. Use it to answer question 42
42(a) Name the deficiency disease.
(b)State the cause of the above mentioned disease.
(c) Mention any two food stuffs the mother should give to the child to prevent the above disease. i. ii.
43(a) Write down any two ways of controlling crop pests in the maize garden. (i)
(ii)
(b)Explain why it is not advisable to have a maize garden near a forest.
(c)What type of pollination does maize undergo?

44 Match items in list A with these in list B

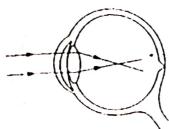
A	В
(i)Knife	Harvesting rice
(ii)Forked Hoe	Digging stoney areas
(iii) Axe	Splitting wood
(iv)Sickle	Peeling

(i)Knife (ii)Forked Hoe (iii)Axe (iv)Sickle		w.			
45(a)Give any two me (i) (ii) (b)At what age is children?	injectable	polio v	vaccine	administere	 d to
(c) Why are people who doses against Covid-1 46(a) Name the type from one form to ano	no are abov 9? e of change	e 50 yed	ars old gi	ven booster ostance cha	
(b)Give any two exan (i) (ii) (c)How does melting		akes pla	aceŝ		

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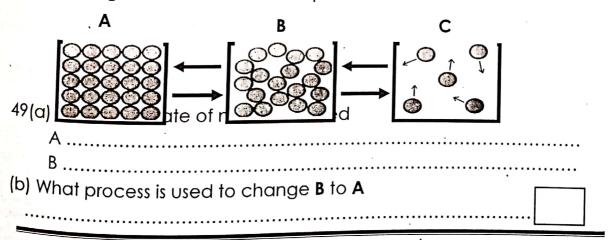


The diagram below is of a human eye, study it to answer question



4	47(a) Name the eye defect shown in the diagram.
((b) Name the type of lens that can be used to correct the defect.
I.	(c) Give the two possible reasons that cause this defect?
(i	18(a) Give any two methods of fishing. i)ii)
	b)Which food value do we get from eating fish?
(0	c)How does rearing of fish in a pond help in controlling the spread of malaria?
••	

Use the diagram below to answer question 49



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. Study the table bel Name of disease	Mode of transmission	Prevention
rame or alcourt		
Cholera		
	Through body	Avoid contact with
	contact	infected person such
~		as sweat, blood,
	-	urine, saliva
		Wearing masks
COVID 19		
ii)o. State one way in w (c)Give an example (hich fruits are useful in ou	r diet.
ii) b. State one way in w (c)Give an example	vhich fruits are useful in ou of citrus fruit.	r diet.
i) ii) o. State one way in w (c)Give an example	vhich fruits are useful in ou of citrus fruit.	r diet.
ii)	of citrus fruit.	r diet.
ii)	which fruits are useful in out of citrus fruit. Ods of castration. efits of castration.	r diet.
ii)	of citrus fruit. Ods of castration. efits of castration.	r diet.
ii)	of citrus fruit. Ods of castration. efits of castration.	r diet.
ii)	which fruits are useful in out of citrus fruit. Ods of castration. The efits of castration.	r diet.
ii)	which fruits are useful in out of citrus fruit. Ods of castration. The efits of castration.	ground, give any other

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	END	
•••••••••	an friction be reduced in the moving parts of the n	
	one way friction is useful in a classroom environme	 ent.
(b)State a above. (i)	ny one way of increasing friction apart from the or	 ne shown
(a)What is	the use of the spikes on the football boots?	
	<u> </u>	
	diagram below is of a football boot.	
(ii)		
(b) Give	any two reasons for giving first aid	••••••
(ii)	Drowning	•••••
54(a) Brie (i)	Prowning	
ii	offly write the	•••••
(b) Meni	non any two advantages of vegetative propagation	1.