MASAKA CITY EXAMINATIONS BOARD

MOCK EXAMINATION- 2023

INTEGRATED SCIENCE

Time allowed: 2hours 15 minutes

SCHOOL RANDOM NO PE	RSONAL NO		
			٠.
Candidate's Name			
School Random Number		(AMINERS)	
Dead the following instructions constulled	Qn. No.	MARKS	EXR'S NO.
Read the following instructions carefully: 1. This paper has two sections A and B. Section A	1 - 10		LAK 51.0.
has 40 questions and section B has 15 questions.	11 – 20		
The paper has 12 printed pages altogether.	21 – 30	have not to propose the party of the	
2. Answer all questions. All answers to both	31 – 40		
Sections A and B must be written in the spaces	41 – 43		
Provided. All answers must be written using a blue or black		Marine Profession and English State	
 All answers must be written using a blue or black Ball point pen or ink. Any work written in pencil 	. 44 – 46		
will not be marked	47 – 49		
4. Unnecessary changes in your work hand writing	50 - 52		
that cannot easily be read may lead to loss of	53 - 55	Annual of the second se	
marks. 5. Do not fill anything in the table indicated	TOTAL		
"For examiners' use only" and the boxes inside			
the question paper.	The second secon		The second secon
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Page 1

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each

so daily one mark each
 Name the type of teeth present in the mouth of an adult human being.
Name one solvent used in the preparation of oral rehydration solution.
 Mention any one way farmers can maintain soil fertility in their gardens.
4. Give any one method of heat transfer in matter.
5. Why are crushed egg shells added to the layers mash?
The diagram below is of a type of joint. Use it to answer questions 6
Z
6. Name the type of movable joint shown on the diagram shown above.
7. State the importance of part Z in the joint.
8. State any one process involved in the rain cycle.

ent enters the house it is a	
9. What type of air current enters the house through windows and	
doors? 10. Give one use of alcohol to a school Nurse in the sick bay.	
10. Give one Use of Global	
11. How is the human kidney useful in the process of excretion?	
11. How is the flow one reason why houseflies lay their eggs of 12. State any one reason why houseflies lay their eggs of	n
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 to answer question 16 and 17.	it
LIGHT RAY PRISM	
16. Name the glass prism shown on the diagram above.	
does the light ray bend when it enters the also also a	
18.Give any one way in which you can use plants as energ	У
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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.

(h	
• • •	(a) What is a ranch? Mention any two factors to consider when starting a ranch.
Qı	SECTION B: (60 MARKS) Jestion 41 to 55 carry four marks each.
40.	. State one way of controlling diarrhea diseases.
39.	Apart from brushing teeth, mention any one way a person maintains oral Health.
	. Olve any one reason why farmers in Kisoro terrace their land.
	. Standaring ordered are Halteres to an insect during flight?
	. Write down any one activity done during a health parade.
	. Name one root tuber crop which is propagated by use of seeds.
••••	State any one way of caring for sick people.
• • • •	
• • •	. How does a moth get attracted to a night rose flower?
32	C. Give the first step in the cleaning of clothes.
31	. Name the type of fungi that helps in baking bread.
	cattle.

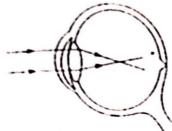
ii. (c). What is the importance of capital as a factor of production?
The diagram below is of a child suffering from deficiency disease. Use it to answer question 42 42(a) Name the deficiency disease.
(b) State the cause of the above mentioned disease. (c) Mention any two food stuffs the mother should 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)
(b) Explain why it is not advisable to have a maize garden near a forest. (c) What type of pollination does maize undergo?

was in list A with the	hese in list b
44 Match items in list A with th	B
	Harvesting rice
(i)Knife	Digging stoney areas
(II) Forked Hoe	Splitting wood
(III) Axe	Peeling
(iv) Sickle	
likelle	
(i)Knife (ii)Forked Hoe	
(iii)Axe	
NEWS DE CENTRE DE LA CONTRACTOR DE LA CO	
(iv)Sickle	
(i) (ii) (b)At what age is injectab children?	ole polio vaccine administered to
doses against Covid-19?	pove 50 years old given booster

(b) Give any two examples of	ch changes mentioned above.
(i)	ch changes mentioned above
(ii)	
(ii)(c) How doos III	
(c)How does melting as change	taker plane
gc	igyes hidces

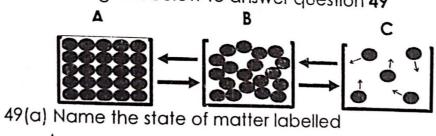
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The diagram below is of a human eye, study it to answer question



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

Use the diagram below to answer question 49



A

(b) What process is used to change B to A	····
***************************************	1

Name of disease	w and complete it Mode of transmission	Prevention
The second series and the second seco		
Cholera	The state of the s	
	Through body	Avoid contact with
	contact	infected person such
	as sweat, blo	
THE RESIDENCE OF A THE STATE OF	THE RESEARCH PROPERTY OF THE P	urine, saliva
COVID 10		Wearing masks
COVID 19		
52(a)State two method	is of castration	
i) ii)		
ii)	fits of castration.	
ii)b)Give any two benet	its of castration.	
ii) b)Give any two benet i)	its of castration.	
ii)b)Give any two benet i) ii)	its of castration.	
ii) b)Give any two benet i) ii) 53(a) Apart from hold	its of castration. Ing a plant firmly in the	
ii)b)Give any two benet i) ii)	its of castration. ing a plant firmly in the	

(b) Mention any two advantages of vegetative propagatic
ii
i
(ii) Drowning
(b) Give any two reasons for giving first aid.
(i)
55(a) The diagram below is of a football boot.
(a) What is the use of the spikes on the football boots?
(b)State any one way of increasing friction apart from the one shown
(i)
lalchagast and Way triction is useful in a
(d) How can friction be reduced in the moving parts of the machine?
END

