IBANDA MUNICIPAL COUNCIL ACADEMIC BOARD

PRIMARY LEAVING MOCK EXAMINATION 2024

INTEGRATED SCIENCE

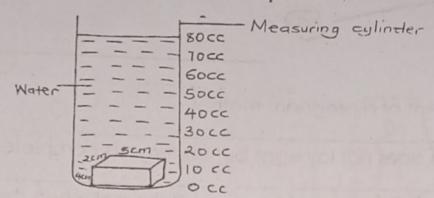
Time Allowed: 2 Hours 13	MINUTE	25			
Index No.	Mind and	610			
Candidate's Name:					
School Name :					
Division:					
Candidate's Signature					
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DO NOT OPEN THIS BOOKLET UNTIL Y					
Read the following instructions carefully:	F	FOR EXAMINERS' USE ONLY			,
 This paper has two sections: A and B. Answer all questions All answers to both 	QN.NO	EXRS	INITIALS	T/L MK	OFFICE
sections A and B must be written in the space	1	V			
provided.	Yan 19	1	1		
3. All answers must be written using a blue or	17	->	TTP		
black ball paint pen or fountain pen. Diagrams					
should be drawn in pencil.	1 11 11 11	5055		cell	Lucia de la constante de la co
4. Unnecessary changes of work may lead to loss					
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5. Any handwriting that cannot easily be read may			1000	ach	Model
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6. Do not fill anything in the boxes shown:					-
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SECTION A (50MARKS)

1. Identify the element of weather suitable for winnowing grains.
2. How is evaporation process important in the environment?
3. To which group of simple machines does a ladder belong?
4. State any one effect of smoking to a pregnant woman.
5. Suggest any one way of controlling skin diseases.
6. How is the ileum adapted to the function of absorbing food?
7. Name the type of energy possessed by a bird resting on a branch of a tree.
8. The diagram below shows reflection. Study it and answer the question.
Name the type of reflection shown above.
9. Apart from animal kingdom, mention another group of living things.
10. How does a caterpillar help itself to overcome enemies?
11. Why is it important for all children to learn swimming skills?

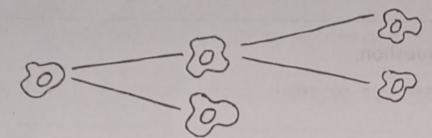
- 12. Suggest a reason why water is referred to as a renewable resource?
- 13. Write down any one responsibility of a health prefect in a school.
- 14. Name the human body sense organ that helps in finding the colour of a wall.

Study the diagram below to answer the question.



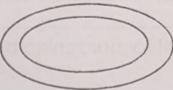
- 15. What will be the level of water in the measuring cylinder if an object is removed?
- 16. Why should cattle be given a block of salt to lick?
- 17. Suggest the best way of control tapeworms in babies.
- 18. Of what use is a root cap on every root of a germinating seed?
- 19. Agatha's child has the following signs, bright eyes. Pot belly and the face, looks like that of an old man. Give the disease Agatha's child is suffering from.
- 20. Name the special drugs responsible for treating bacterial diseases.
- 21. What are non-biodegradable materials?
- 22. Besides calcium, mention another mineral salt for hardening bones and proper growth of human teeth.
- 23. State the form of energy that is formed when objects vibrate.
- 24. Name the garden root used by farmers to dig in stony areas.
- 25. How is DPT vaccine administered to babies?

- 26. State the function of a flower to a flowering plant.
- 27. Write down the non-metallic conductor of electricity found in a dry cell.
- 28. Identify the mode of reproduction in organisms shown below.



- 29. Give any one requirement of a pregnant mother.
- 30. Name the vector which does not lay eggs but undergoes complete lifecycle.
- 31. Tom's sister is 2 years old. What type of fracture will she get when she falls down from the bed?
- 32. Why does a person doing vigorous exercises like running take in 21% and take out 16% of oxygen?
- 33. Mention any one natural factor which may lead to in adequate food supply in a community.
- 34. Write down any one factor that can make a fertilized egg fail to hatch after 21 days.
- 35. Of what importance are the grips on the handles of bicycles?
- 36. Why weaning babies should be given mashed food?

Below is a diagram of a blood cell. Use it to answer the question.



- 37. Name the blood cell shown above.
- 38. To which group of invertebrates do the following animals belong, oyster and octopus?
- 39. Give a reason why a morant hutch is constructed with a wire mesh.

40. Jane was suffering from malaria and the health worker gave her coartem prescribed (4x2) . state any one factor the heath worker based on to prescribe coartem tablets to Jane.
SECTION B 41. A primary three class set up an experiment as shown in the diagrams. Use them to answer the questions.
Glass Burning contile Water B B B B B B B B B B B B B
a) What was the experiment about?
b) What happened to the candle in diagram B?
c) Give a reason to support your answer.
d) Suggest a reason why the water level rose up in the glass of diagram B.
42. What name is given to the human male reproductive cells?
b) State the function of the following parts of a male reproductive system. i) Epididymis
ii) Testes c) Write down any one way of caring for a male reproductive system.
43. Use the group of organisms below to answer the questions.
Carrot — rabbit — man
a) From the above list, identify the, i) Producer represented the second consumer.
b) State the role of the sun in any food chain.

	indicators of a dirty home.	
b) Identify any one ite	m used in promoting sanitation in a classroom.	
c) Why is it encourage	ed to drain away stagnant water in a school compound?	
5. Match the terms be	ow with their meanings.	
	of chicken kept for egg production	
	ening of the upper part of a beak	
	vision of favourable conditions to eggs to hatch.	
Debeaking - Car	e given to chicks from one day to eight weeks.	
i) Incubation		
ii) Brooding		
iii) Layers		
iv) Debeaking	artificial permanent magnets should be kept with iron kee	
b) Give two ways art magnetism.	ificial permanent magnets can be made to lose their	
magnetism. i) ii)	d of magnetisation that produces temporary magnets.	
magnetism. i) ii) c) Name one method 7. Study the table bel	d of magnetisation that produces temporary magnets. ow and answer the questions that follow.	
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48. Mention any one characteristic of insect pollinated flowers.	
b) Give a reason why wind pollinated flowers produce a lot of pollen grains.	
c) How is the stigma adapted to receiving pollen grains?	
d) What is pollination?	
49. The diagram below is of the human lungs. Use it to answer the questions that follow.	
a) Identify the part of the body in which the lungs are located.	
b) Name the part marked z.	
c) Write down two systems of the body where the lungs belong.	
50. In one sentence, give the meaning of the term weathering.	
b) Identify the layer of the soil which has more living organisms.	
c) State any two ways of maintaining soil fertility. i) ii)	
51. Write down two activities done to help in the control of diarriced diseases.	
ii) b) How can a person with severe diarrhea be helped to be rehydrated?	
c) Mention any one mineral salt lost during dehydration.	
52. Which type of insemination denies animals their natural feelings in reproduction	nę

b) Of what use is a strip cup at a dairy centre?	
c) Identify any one type of farm records.	2 0 000
d) How do farmers make the use of farm records?	
i) Recovering from illness?	to a william
b) Name the disease all girls of child bearing age are immunized again	nst.
c) Write down any one vaccine administered at birth.	
a) Name the type of pulley system shown above. b) Calculate the effort needed to raise the load of 25kg using the puller above. (2mrks)	
c) State any one use of a pulley at school.	
55. Which type of bees make. a) a buzzing sound during flight?	
b) Name the special food for queen bees in hives.	
c) State any two causes of swarming in bee keeping. i) ii)	WOH (d)