



HILLSIDE PRIMARY SCHOOL-NAALYA
BEGINNING OF TERM TWO EXAMINATIONS
PRIMARY SEVEN 2025
INTEGRATED SCIENCE (SET ONE)
Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

EMIS No..... Stream

District Name.....

Read the following instructions carefully

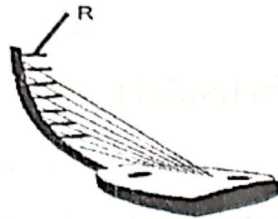
1. The paper has **two** sections: **A** and **B**.
Section A has 40 questions and Section B has 15 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: **"For Examiners' Use Only"** and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A

1. Name the human sensory organ for sight.
.....
2. Why is brushing teeth a good health practice?
.....
3. Give a reason why harvesting of crops is commonly carried out in dry season.
.....
.....
4. How does bush burning cause soil erosion?
.....
.....
5. State any **one** danger of improper use of a latrine.
.....
6. Point out any **one** sign of marasmus in infants.
.....
7. Give any activity done to protect cattle from ecto parasites like ticks.
.....
8. How is the function of a fuse similar to that of a switch in an electric circuit?
.....
9. In one word, write the name given to animals without backbones.
.....

The diagram below is of a musical instrument. Use it to answer questions 10 and 11.



10. Name the part marked with letter R.
.....
11. How can Moses change the pitch of the instrument above?
.....
12. In what way is a human kidney and the skin similar in function?
.....
.....
13. Why is melting of ice considered as a physical change?
.....
14. Name the type of digestion in which the teeth break down food into small particles.
.....
15. How do plants promote the process of respiration in animals?
.....
.....
16. Give the type of electricity produced when a plastic pen is rubbed on the hair.
.....

17. In one sentence, write down the meaning of refraction.

.....
.....

18. How is the hepatic portal vein useful in the body?

.....

19. Name the factor in a flower which attracts insect pollinators at night.

.....

The diagram below is of a simple machine. Use it to answer question.



20. Use letter L and an arrow to show the position of the "load"

21. What type of energy is possessed by a ball placed at a penalty spot?

.....

22. Why does clay soil remain water logged than sandy soil?

.....
.....

23. In the space below, draw a stamen.

.....

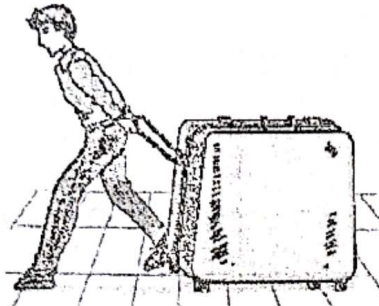
24. How can a farmer make use of cow dung to control deforestation?

.....
.....

25. Name the non-living resource which supports life of a silver cyprinid.

.....

The diagram below shows a boy pulling a bag. Use it to answer the question that follows.



26. Why is easier for the boy the pull the bag on smooth surface?

.....
.....

27. Why should garden tools be cleaned every after use?

.....

28. Name the part of the body where respiration takes place.

.....

29. Mention **one** way a magnet can lose its magnetism.

.....

30. How do soft boards put in cinema halls help to control echo?

31. Name any **one** plant that stores its food in the stem.

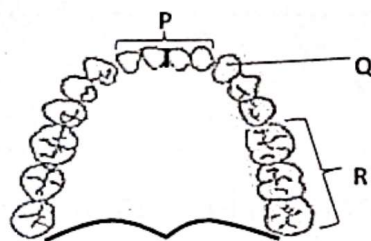
32. Give one factor considered when choosing a site for a nursery bed

33. Which component of air supports both respiration and germination?

- 34 Which health measures can be done to a latrine which smells and is full of flies?

35. Give one way in which fruits are good in prevention of deficiency disease.

The diagram below shows the arrangement of permanent teeth in the lower jaw of a human being. Study the diagram and use it to answer the questions 36 and 37.



36. Name the type of teeth marked **P**.

37. State the function of the type of teeth labeled R.

.....

38. Mention one danger of sharing a drug with another patient.

.....

39. Why is it important to cover food with banana leaves during the process of cooking?

.....

.....

40. Give one way how milk let down can be stimulated before the start of the milking process.

.....

.....

SECTION B

41. (a) Name one vaccine used to immunize children against pneumonia.

.....

(b) Give the reason why the measles vaccine is administered at 9 months but not at birth.

.....

.....

(c) Why is immunization an important health activity among children?

.....

(d) State any one reason why some vaccine are administered more than once..

.....

42. (a) Give any two methods of making alcohol.

i).....

ii).....

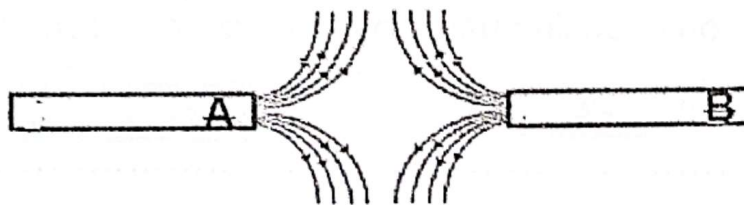
b). State any one scientific value of alcohol in the society.

.....

c). Give any one health effect of alcohol to an individual.

.....

43 The diagrams below show a property of magnets Use it to answer question that follow.



a) Identify the poles of magnets marked A and B.

(i) A

(ii) B

b) What does the above property prove about magnets?

.....

.....

c) Mention any one use of magnets in our daily life.

.....

44. a) Give any other state of matter apart from liquid.

.....

b). State two effects of heat on matter.

(i).....

(ii).....

c). How is a condensation different from evaporation?

.....

.....

45. (a) Give the meaning of the following words as used in the study of

sound

(i) Pitch.....

.....

(ii) Frequency.....

.....

(b). Identify any two factors that affect the pitch of a musical

instrument

(i).....

(ii)

46.a) How are following used as energy resources?

(i)Plants

.....

(ii)Water

.....

b) Why is a biogas digester tightly sealed?

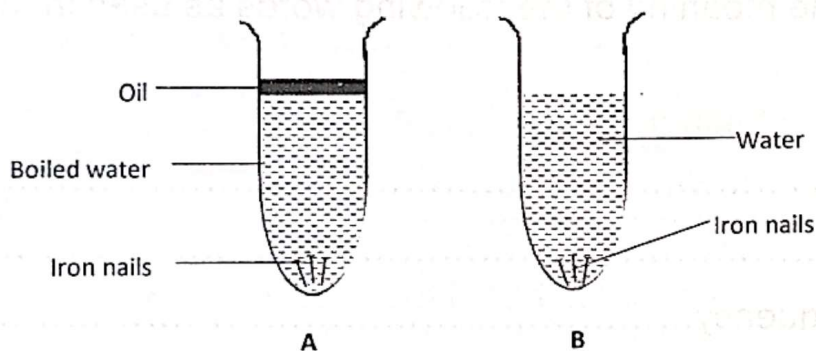
.....

c) How is charcoal formed?

.....

.....

47.The diagram below shows an experiment about rusting. Use the diagram to answer the questions that follow.



a. In which of the containers will the iron rust after some days?

.....

b. Why would the iron nails in the container you have identified rust?

.....

.....

(b) What does the peeled yam represent?

.....

(c) How important is the above illustrated process to plants?

.....

.....

(d) Define the term transpiration.

.....

.....

50. a) Name the type of blood found in the following blood vessels.

(i) Vena cava.....

(ii) Pulmonary vein.....

b). How are the valves useful in the human heart?

.....

c). Name the component of blood that carries oxygen round the body.

.....

51 a) Name the type of blood found in the following blood vessels.

(iii) Vena cava.....

(iv) Pulmonary vein.....

c. Give **one** reason why oil was poured in container **A**.

.....
.....

d. What would happen to the nails if they were painted before being put in the containers?

.....
.....

48(a) Name the group of simple machines to which each of the following tools belongs,

(i) a ladder

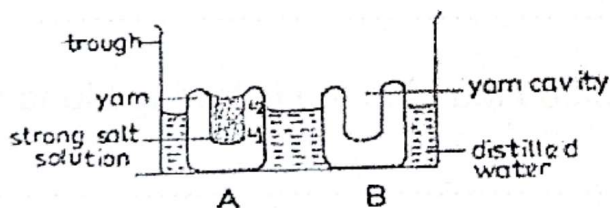
(ii) a panga

(b) Give any **two** ways in which simple machines make work easier.

(i).....

(ii).....

49. The diagram below shows one of the processes in plants. Use it to answer the questions that follow.



(a) Identify the process illustrated above.

.....

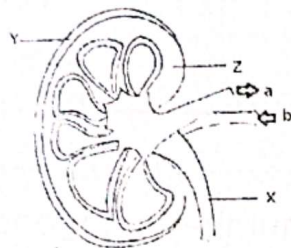
b). How are the valves useful in the human heart?

.....
.....

c). Name the component of blood that carries oxygen round the body.

.....

52 The diagram below is of kidney. Use it to answer the questions that follow.



a). Name the parts labeled:

X

Y

b) Give the function of part labeled **X**.

.....
.....

c) Name the important process that takes place in part marked **Z**.

.....

53. The table below is about. Use it to answer question 48.

FOOD VALUE	SOURCE	DEFICIENCY DISEASE
.....	Beans	Kwashiorkor
Vitamin C	Oranges	
Carbohydrates		Marasmus
.....	Carrots	Night blindness

54 a) Animals on a farm should be numbered for easy identification.

Mention any **two** ways this is done.

(i)

(ii).....

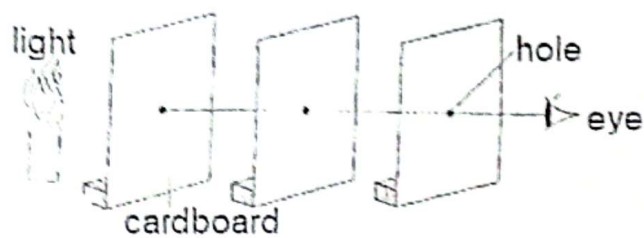
b). Give any **one** reason why should animals be castrated?

.....

c). State any **one** way how castration is done.

.....

55. The diagram below is of an experiment about light.



a) Why was the person able to see light from the burning candle?

.....
.....

b). What does the above experiment prove about light?

.....
.....

c). State two characteristics of images formed in plane mirrors

- i)
- ii)

END