



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS

2025

INTEGRATED SCIENCE (SET FOUR)

Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....Stream.....

Candidate's Signature.....

EMIS No.....

District Name.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
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.
4. Unnecessary changes of 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		
41-50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A: 40 Marks

Questions 1 to 40 carry one mark each

1. Name one form of energy that enables primary seven pupils to get information on the assembly.

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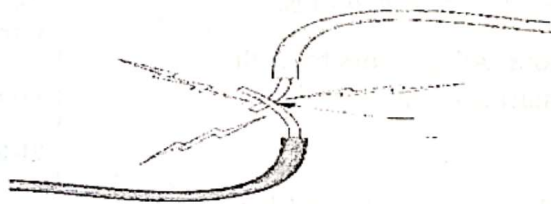
2. Mention one enzyme found in the stomach.

.....

3. Identify one excretory waste product passed out through the lungs.

.....

The diagram below shows a short circuit. Use it to answer question below.



4. What causes the above short circuit?

.....

5. Why would one prefer rearing local breeds of cattle to exotic breeds?

.....

.....

6. State one advantage of breast feeding to a baby.

.....

7. Why do frogs cover their eggs with a slimy jelly?

.....
.....

8. What happens to the volume of water when it freezes?

.....
.....

9. Give one example of a disease spread through tick bites in cattle.

.....

10. Name any one disease that affects the muscular skeletal system.

.....

11. Identify the type of energy possessed by a rolling stone.

.....

12. How is a cotyledon useful to germinating maize grain?

.....
.....

13. How can a mother protect her children from deficiency diseases?

.....
.....

14. Where in the digestive system are fats first chemically digested?

.....
.....

15. Mention any one method used to obtain clean water from dirty water.

.....
.....

16. Name the sexually transmitted disease that cause blindness in unborn babies.

.....
.....

17. In the space below, draw an electric switch.

.....

18. What is echo?

.....
.....

19. Give one way of controlling soil erosion in hilly areas.

.....
.....

20. Identify the smallest bone in the human body.

.....

21. State any one way of controlling malaria in a home.

.....
.....

22. What type of skeleton does a dog have?

.....

Below is a diagram showing a burning candle. Use it to answer the questions **23** and **24**.



23. Name one form of energy produced at **X**.

.....

24. Give **one** danger of energy produced at **X**.

.....

25. Why does a fish die when it has been removed from water?

.....
.....

26. State one use of weeds to a farmer.

.....
.....

27. State one example of a food taboo in the community.

.....
.....

28. Name the component of blood that is destroyed by sickle cells.

.....
.....

29. Of what use is the washing of hands with clean water and soap?

.....

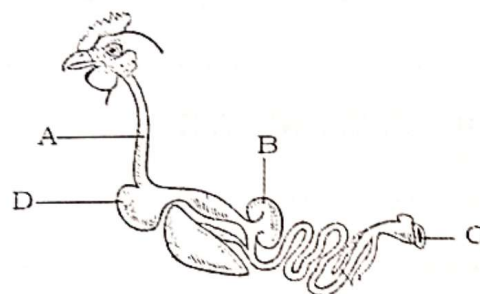
30. A leaf falls from a tree. Name the force that enables a leaf to fall from a tree.

.....

31. How are incisor teeth adapted to their function?

.....
.....

32. Study the diagram and answer questions that follow



Name the part marked with letter D.

.....

33. Where does filtration of blood occur in the kidney?

.....

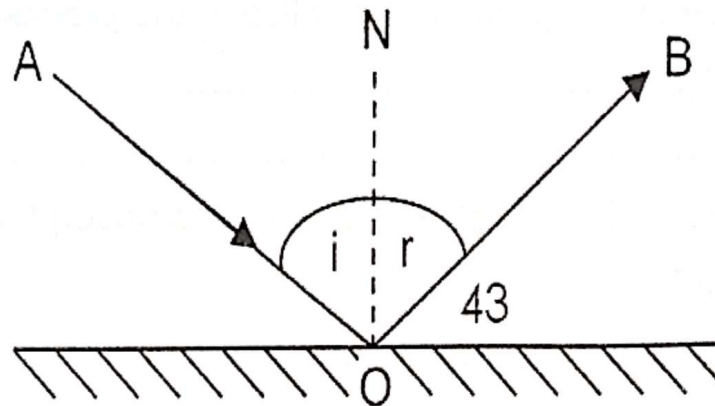
34. Mention any one system used to rear goats.

.....

35. Identify the gas that bubbles out when a bottle of soda is opened.

.....

36. Find the size of the angle marked i.



37. Name one body organ protected by the rib cage.

.....

38. What is soil erosion?

.....

.....

39. What group of invertebrates have jointed legs and segmented bodies?

.....

39. Name any one breed of goats kept for milk production.

.....

40. Why is a sugar cane not regarded as a stem tuber yet it stores its food in the stem?

.....

.....

SECTION B: 60 Marks

Questions 41 to 55 carry four marks each

41(a) Give one importance of saliva in the process of digestion.

.....
.....

b) Where in the digestive system does absorption of food occur?

.....

c) Mention one disorder of the digestive system

.....

(d) What do we call the dietary fibres that promote peristalsis and proper working of digestive system?

.....

42.(a)What are nutritional diseases?

.....
.....

(b)Mention two examples of nutritional deficiency disease

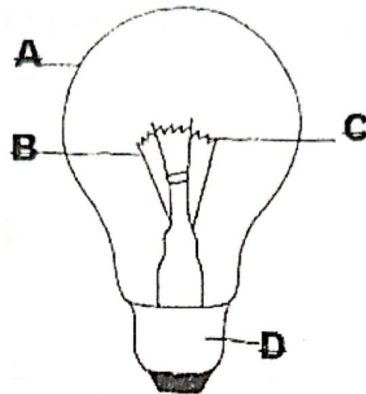
(i).....

(ii).....

(c) What is the best way of preventing such diseases?

.....

43. The diagram below shows an electric bulb. Use it to answer questions that follow.



(a) What is the function of part marked with letter B?

.....

(b) How is part marked with letter C adapted to its function?

.....

.....

(c) Identify two forms of energy produced by the above working Bulb.

(i).....

(ii).....

44.(a) Give any **two** agents of soil erosion.

(i).....

(ii).....

(b) Name any one cause of soil erosion

.....

.....

(c) How can farmers control soil erosion on hilly areas?

.....

45 The table below shows different tropisms and their stimuli fill in the missing answers

Tropisms	Stimuli
.....	sunlight
Geotropism	
.....	water
Chemotropism	

46 (a). Define the term Magnet.

.....

.....

(b) Write down two methods used in making magnets.

(i)

(ii)

(c) Give one way in which magnets are used in hospitals.

.....

47 (a) Name the germ causes COVID-19.

.....
.....

(b) Write down two health habits done to control the spread of COVID-19.

(i).....
(ii).....

(c) How does the use of face masks help in the prevention of COVID-19?

.....
.....

48 (a) Name the weather instrument used to measure the amount of rainfall received.

.....
.....

(b) Give a reason why people are advised to:

(i) Put the above weather instrument in (a) in open places.

.....
.....

(ii) Raise the weather instrument 30cm above the ground?

.....
.....

49a) Write down two examples of social insects.

(i).....

(ii).....

(b) Which type of life cycle does a tsetse fly under go?

.....

(c) In which way are honey bees harmful to people?

.....

.....

50. (a) what is personal hygiene?

.....

.....

(b)How useful are the following in the promotion of personal hygiene?

i) sponge.....

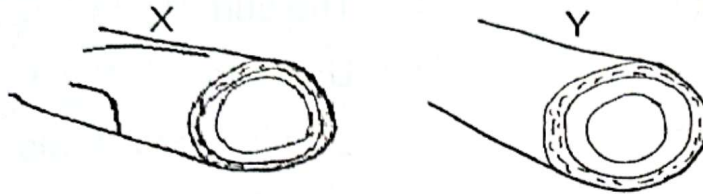
ii) clean water

(c) State one way of promoting oral hygiene.

.....

.....

51. The diagram below shows blood vessels. Use it to answer the questions that follow.



a) Identify blood vessels X and Y.

i) X.....

ii) Y.....

(b) Give **one** structural difference between vessel X and blood vessel Y.

.....

c) Mention the structure present in blood vessel X that present back flow of blood.

.....

52. (a)What is apiculture?

.....

(b)Give two reasons why people keep bees.

(i).....

(ii).....

(c) Name the special food the queen bee is feed on.

.....

53. Match the type of electricity in A and the source in B.

List A

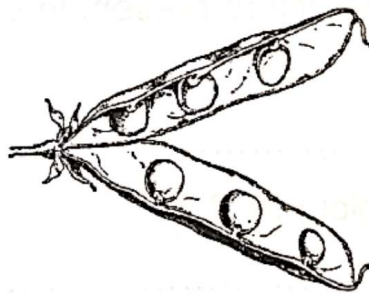
- i) Nuclear electricity
- ii) Hydro electricity
- iii) Solar electricity
- iv) Thermal electricity

list B

- The sun
- Uranium
- Burning fossil fuels
- Fast flowing water

- (i)
- (ii)
- (iii)
- (iv)

54. The diagram below shows a method of seed dispersal. Use it to answer the questions that follow.



(a) Name any two crops that can be dispersed using the above method.

- (i)
- (ii)

(b) How is seed dispersal important?

.....
.....

(c) Name one other type of seed dispersal apart from the one shown above.

.....

55(a) To which group of simple machines does a see saw belong?

.....

(b) How does a bottle opener make the work easy?

.....
.....

(c) Name one force that affects the efficiency of a machine.

.....
.....

(d) Why should machines be oiled and greased regularly?

.....
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END