



HILLSIDE PRIMARY SCHOOL- NAALYA
P.7 TERM I
2024
INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Candidate's Name:

Candidate's Signature:

School Name:

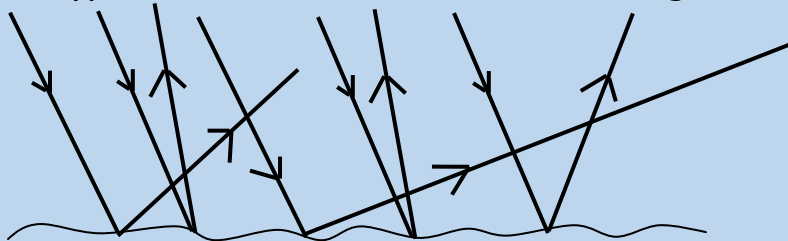
Read the following instructions carefully:

1. This paper has two sections: Section A and section B.
2. Answer all the questions. All the working for both sections A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball point pen or ink. Any work done in pencils other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated: "**for examiners' use only**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO	MARKS	EXR' S NO.
1-10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 54		
55		
TOTAL		

SECTION A

1. What type of change takes place when a piece of cloth is burnt to ashes?
.....
2. Suggest **any one** method you may use to prepare safe water for drinking.
.....
3. State **any one** danger of defilement.
.....
4. Some tiny pieces of iron fell in a basket full of maize flour. What method can be used to separate the iron pieces from the maize flour?
.....
5. Name **any one** tick – borne disease that affects cattle.
.....
6. State the danger of cleaning ears using sharp objects.
.....
7. Give **any one** way in which a community can participate in Health Education.
.....
8. Where along the alimentary canal does much of the alcohol get absorbed into the blood stream?
.....
9. What type of reflection is illustrated in the diagram below?



10. Name the longest bone in the body.
.....
11. In **one** sentence, explain the term lever.
.....
.....
12. State **one** way you as a P.7 candidate can keep your body systems functioning normally.

13. Identify the digestive disorder which one gets due to lack of roughages in the body.

14. Why are people suffering from severe diarrhea given plenty of fluids to drink?

15. Define the term **Demography**.

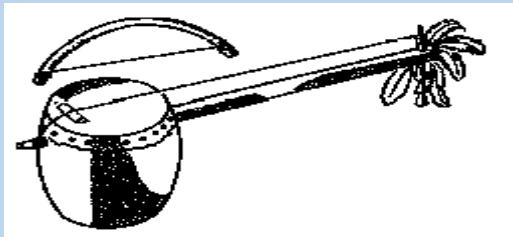
16. Identify **any one** natural source of light in the environment.

17. Give **any one** example of an arachnid.

18. How does the sun contribute to the formation of rainfall?

19. Name **one** form of energy released by a functioning electric bulb.

20. To which class of sound instruments does the one drawn belong?



21. How is a fish different from a mango plant in the way they breathe?

22. What is the use of proper ventilation in a living house?

23. Why would you advise a person constructing a tall building to put there lighting arrestors?

24. Where does fertilization take place in Sudanese women?

25. How has the government of Uganda helped its population to improve on their health?
.....
26. Why should **car drivers** apply sand on slippery roads during rainy seasons?
.....
27. Name the living organism which helps in decomposition of organic matter.
.....
28. Suggest **any one** way in which human beings use energy from the sun.
.....
29. How is a **cold compress** important to a person with **fever**?
.....
30. The diagram below shows a bar magnet. Draw lines showing the movement of magnetic lines of force.



31. Why are red blood cells important in the body of a baby?
.....
32. Point out **one sexual deviation** in our society.
.....
33. Write down **one** way in which plants depend on people.
.....
34. If a seed germinates with its cotyledons appearing above the ground, which **root system** will the plant have?
.....
35. Draw a compound leaf in the space provided below.
36. Name the method of **food preservation** where slow burning fire is used to dry food.
.....

37. Identify the property of light shown in the diagram below.



38. Give **one** importance of **echoes** to bats at night.

39. Why are **preying birds** like kites dangerous to poultry farmers?

40. State **one** way of controlling internal parasites in cattle.

SECTION B (60mks)

41. The diagram below shows a poultry farming practice. Study it carefully and answer questions that follow.

a) Name the poultry farming practice shown
aside.



b) How is the above practice important in poultry management?

c) Mention **any one** type of poultry.

d) State **any one** example of a common vice in poultry.

42.a) Name the insect with the larva stage below.

i) grub

ii) maggot

b) How is the insect with larva stage in (i) above of use to a crop farmer?

.....

c) Name **any one** product obtained from keeping the insect with larva stage in a (i) above.

.....

43.a) Mention the element of **primary health care** that can be promoted by each of the following.

i) feeding on a balanced diet

.....

ii) cleaning and fencing wells

.....

b) State **two** ways in which a pupil can promote the cleanliness of their school.

i)

ii)

44.a) What is the **appropriate First Aid** for the following types of accidents?

i) A burn

.....

ii) A fracture

.....

b) Give **any two** examples of foreign bodies which can enter the eye.

i)

ii)

45.a) What is **anti social behavior**?

.....

.....

b) State **any one** cause of anti social behavior.

.....

c) List **any two** examples of anti social behaviours in Uganda today.

i)

ii)

46. Katoko found problems when pulling his chair along the ground as he was told to do so.

a) Identify **the force** that leads to the above problem.

.....

b) Mention **any two** ways this force is a nuisance.

i)

ii)

c) How can one reduce this force in machines?

.....

47.a) Give **any two** characteristics of image formed in a plane mirror.

i)

ii)

b) Name **any one** optical instrument.

.....

c) In the space provided, draw a diagram to show a **converging beam** of light.



48.a) Name **any one** type of latrine.

.....

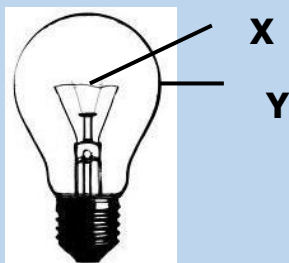
b) How **far** should a pit latrine be away from a water source?

.....

- c) Mention **any one** feature found on a VIP latrine which makes it different from all other types of latrines.

- d) How do we care for toilets at school?

- 49.a) The diagram below shows an electric bulb. Use it to answer the questions about it.



- a) Why is part **X** coiled?

- b) Name **any one** gas contained in the above bulb.

- c) Why is part **Y** made of a **transparent** material?

- d) State **any one energy change** that occurs in a bulb when in use.

- 50.a) What are essential drugs?

- b) Mention **two** examples of essential drugs.

i)

ii)

- c) State **one** quality of essential drugs.

- 51.a) Which term describes a **combination of gases**.

b) Besides carbon dioxide, give any other component of the above combination.

.....

c) Which gas is used to stop fire?

.....

d) Name the equipment that uses the above gas to stop fire.

.....

52. Given a group of organisms below, study them carefully and answer questions that follow.

Grass Cow Tiger Bacteria

a) By the help of a ruler and a pencil, draw arrows to complete the above food chain. b)

In the list above, name the;

i) primary consumer

.....

ii) producer

.....

c) What would **happen** to a tiger if all cows were killed?

.....

.....

53. The diagram below shows the shape of a type of cattle.

Study it carefully and answer questions that follow.



a) What **main product** is obtained from the type of cattle with the shape shown above?

b) Define castration in cattle keeping.

c) Give **two** reasons why farmers castrate their animals.

i)

ii)


54.a) How do we call the **transfer of pollen grains** from the anther to the stigma of a flower?

b) State **any one** characteristic of insect pollinated flowers.

c) Besides insects, mention **any other** agent responsible for the transfer of pollen grains from the anthers to the stigma.

d) How do we call the reproductive part of a plant?

55. Below is a table showing symbols used in electricity and their functions, fill in the missing information correctly.

Name	Symbol	Function
i) Switch	It breaks and completes the circuit.
ii)		It breaks the circuit in case of too much flow of current.

iii) Ammeter



.....
.....
.....

iv) Dry cells

.....

They produce electricity for the appliance.