

HILL SIDE PRIMARY SCHOOL - NAALYA
P. 7 EXAMINATION SET NINE 2025
Integrated Science

Time allowed: 2 hours 15 minutes

INDEX NUMBER

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NAME: _____

Signature: _____

EXAMINER'S USE ONLY

Stream _____

Date _____

A	
B	
TOTAL	

Read the following instructions carefully:

1. The paper is made up of section A and B.
2. Section A has 40 short answer questions (40 marks).
3. Section B has 15 questions (60 answers).
4. Answer ALL questions. All answers to both section A and B must be written in the spaces provided.
5. All answers must be written in blue ink.
6. Any handwriting that cannot easily be read will lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box indicated examiner's use only.

TEACHER'S COMMENT	SIGNATURE

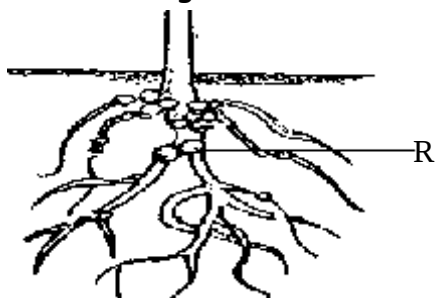
SECTION A: 40 MARKS

1. State one thing that a hen provides to its chicks

2. In which harmful way is a water snail similar to a housefly?

3. How can you keep your skeletal system in good working order?

4. Use the diagram below of a root system to answer questions 4 and 5.



5. Name the part marked with letter R.

6. Identify any one example of a plant with the above root system.

7. How can a family participate in the promotion of primary health care?

8. Give one danger of draining wetlands.

9. State the function of suckers and hooks to a tape worm.

10. How are humming birds adapted to their mode of feeding?

11. How is Eustachian tube useful in the human ear?

12. How do people get infected with typhoid?

13. Give one difference between the air we breathe in and the air we breathe out.

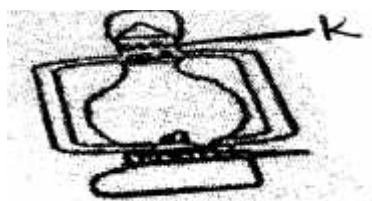
14. How does the practice of planting trees help to conserve the environment?

15. Why is the zero grazing system of keeping cattle suitable in urban areas?

16. Mention one thing you can do to care for your cassava crops in the garden.

17. Suggest one way saliva is useful during digestion.

The diagram below shows a lantern, use it to answer question 18.



18. State the importance of holes marked K on the diagram.

19. Give any one way a tomato farmer can increase fertility in the garden.

20. Why does a brick maker need a lot of carbohydrates?

21. How are air sacs (alveoli) adapted to their function of gaseous exchange?

22. Apart from meat production, give any other product people get from goats.

23. The child's health card shows immunisation information about a child. Mention any one piece of information recorded on a child's card.

24. Which type of skeleton is found in most vertebrates?

25. Apart from baking of bread how else can yeast be useful?

26. Of what importance are windows on living house?

27. Name the blood vessels which transport oxygenated blood from the heart to all parts of the body.

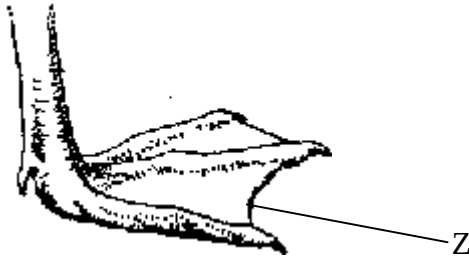
28. How are maggots and bacteria found in pit latrines useful?

29. Identify the force which enables a bicycle to stop when the brakes are applied.

30. You heard the school bell at the end of the lesson, what sense organ did you use to detect the sound of the school bell?

31. Why is a grasshopper regarded as an insect?

The diagram shows the foot of a bird.



32. Name the part marked with letter z.

33. Give one example of a bird with such a foot.

34. Name the process by which liquids turn into gases.

35. In the space below, draw a simple serrated leaf.

36. Which part of the male reproduction organ is responsible for production of sperms?

37. How does sun drying help in preservation of food?

38. State any one effect of heat on matter.

39. Give one characteristic of enzymes.

40. Besides breast feeding mothers and their babies, give any other group of vulnerable people.

SECTION B: 60 MARKS

41. a) What type of electricity is generated from fast flowing water?

b) State two uses of electricity in our daily life.

i) _____

ii) _____

c) Write down the form of energy stored in a dry cell.

42. a) What is a resource?

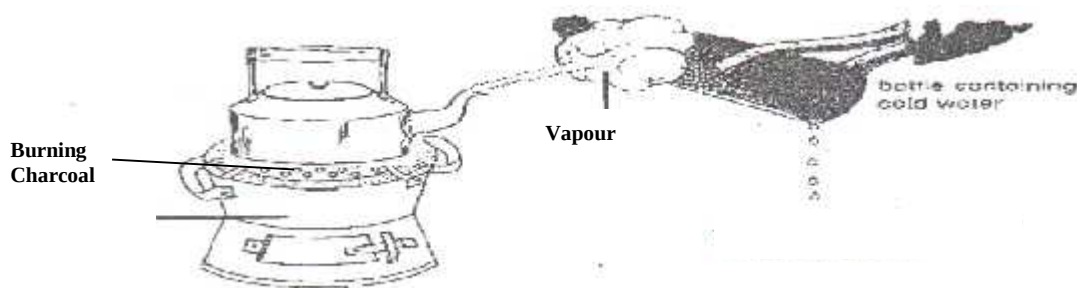
b) Give one example of;

i) non - living resource: _____

ii) a living resource: _____

b) How can uranium be used as a resource?

43. the diagram below is of an experiment performed in a class. Study it and answer questions that follow.



a) What natural process in the environment does this experiment show?

b) What does stove represent in the process?

c) What is the importance of cold water in the bottle?

d) Give any one importance of rain to farmers.

44. a) What is fever?

b) Suggest any one way you can give First Aid to a person with fever.

c) Mention one item found in a first aid box.

d) Give any one objective of administering First Aid?

45. Match the type of joint to the part of the human body where each names.

Type	Part
Hinge joint	wrist
Gliding joint	shoulder
Pivot joint	neck vertebra
Ball and socket joint	elbow

a) Hinge joint: _____

b) Gliding joint: _____

c) Pivot joint: _____

d) Ball and socket joint: _____

46.a) Write down any two types of poultry.

i) _____

ii) _____

b) State two disadvantages of keeping local breeds of poultry.

i) _____

ii) _____

47.a) List two things you can use to promote personal hygiene.

i) _____

ii) _____

b) Mention two activities that you can do to promote good healthy life style.

i) _____

ii) _____

48.a) What is the main natural source of heat and light?

b) Give any two states of matter.

i) _____

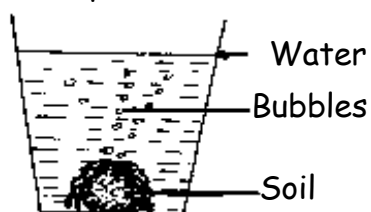
ii) _____

c) John made a fire and he sat 1 metre away from the fire on a stool. By what process did he receive the heat?

49.a) Apart from weathering, state one other process by which soil is formed.

b) Which type of soil is the best for making ceramics?

c) What does the experiment in the diagram prove about soil?



50.a) What is digestion?

b) Identify the end product of each of the following food values.

i) Carbohydrates: _____

ii) Fats: _____

c) Where does digestion of food start from in man?

51. a) Mention two examples of chemical changes.

i) _____

ii) _____

b) Write down one difference between chemical change and physical change.

c) How is burning similar to rusting?

52. The diagram below shows a common vertebrate. Study it and answer the questions below.



a) In which group of vertebrates is it found?

b) Identify one other vertebrate in the group with the one shown above.

c) Name the part labelled V?

d) How are the structures labelled (V) above useful to the vertebrate?

53.a) What is drug abuse?

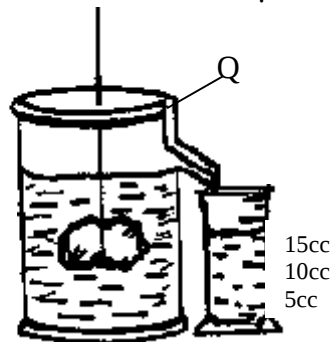
b) Give any two examples of drugs of dependence.

i) _____

ii) _____

c) Give any one quality of an essential drug.

54. The diagram below shows a method of finding volume of irregular objects. Study it carefully and use it to answer the questions that follow.



a) Name the container marked with letter Q.

b) Find the volume of the object above (2marks)

c) Identify the method of finding volume of objects shown above.

55.a) Name the part of the human skeleton that protects the following body organs.

i) Inner ear: _____

ii) Female reproductive organ: _____

b) Name any one mineral salt responsible for the hardening of teeth.

c) How does the human skeleton help in breathing mechanism?

END