

HILL SIDE PRIMARY SCHOOL - NAALYA
P. 7 EXAMINATION 2023
TESTING PAPER
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. Why do we wash hands after visiting the latrine or toilet?

2. Name the sense organ for sight.

3. Mention one disease of rabbits.

4. In which way are plants important to animals?

5. Give one way how cereal crops are harvested?

6. Why are proteins not chemically digested in the mouth?

The diagram below shows a flower. Use it to answer questions



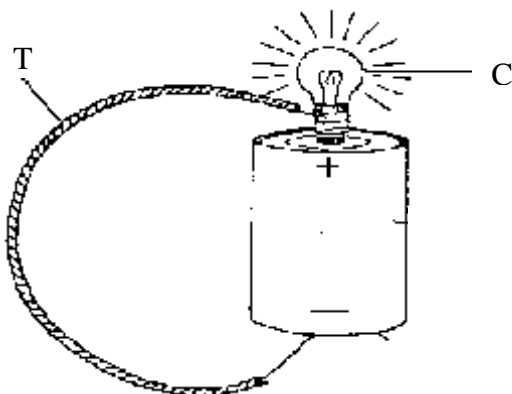
7. Name part marked with letter K.

8. How is part marked K similar to the testes in terms of their function?

9. Name one example of edible insect.

10. Name any one example of a wetland.

The diagram below shows a simple circuit. Use it to answer question 11.



11. Using arrows, show the direction of flow of the electric current along the wire.

12. State the energy change that takes place in part marked C.

13. Why do some objects float when put in water?

14. Write PIACY in full

15. How are quill feathers useful to birds?

16. Write down one device used to store sound.

Use the diagram below to answer questions 17 and 18.



17. To which group of invertebrates does the above organism belong?

18. State the function of part marked with letter Y.

19. Name any one root crop affected by a white fly.

20. What is docking as used in sheep rearing?

21. Give one way in which insulators are useful in our daily life.

22. How is a rain gauge useful at a weather station?

23. What first aid would be given to Opolot whose fingers have been burnt with hot water?

24. Name the part of an insect that balances it during flight.

25. At what time of the day shadows appear shortest?

26. State the importance of ventilators on a house.

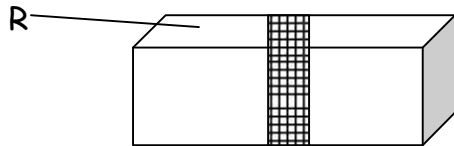
27. How is the ileum adapted to its function of absorbing digested food?

28. How do some plants with weak stems climb others?

29.State one factor that leads to poor feeding at home.

30.Name one example of anti - social behaviour.

Use the diagram below to answer 31 and 32.



31.Name the chamber marked with letter R.

32.State one advantage of using the above type of bee hive.

33.How are plants different from animals in their way of feeding?

34.Mention the type of family that comprises of father, mother and biological children.

35.How is the proboscis important to a mosquito?

36.Name one group of living things.

37.State one way by which friction can be reduced.

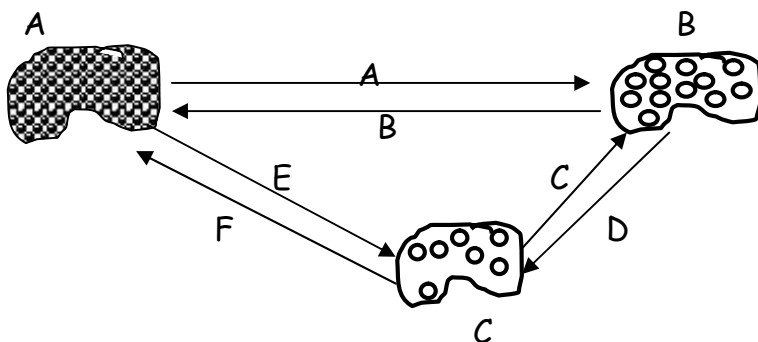
38.Why is it advisable for parents to keep drugs out of reach of children?

39.Okello planted a bean seed and after three days, it germinated. What type of change did the seed undergo?

40.Suggest one reason why animals move.

SECTION B: 60 MARKS

41. Use the diagram below to answer questions that follow.



a) Identify the state of matter marked with letters A and C.

A _____ C _____

b) Name the change of state of matter from B to C.

c) Mention one substance that exists in the three states of matter.

42.a) How do bacteria reproduce?

b) Name one type of bacteria.

b) Cite any two ways bacteria are useful to man.

i) _____

ii) _____

43.a) How are the following plants propagated?

i) Sweet potatoes: _____

ii) Onions: _____

b) State one importance of plants to farmers.

c) Mention one way farmers care for their crops in the garden.

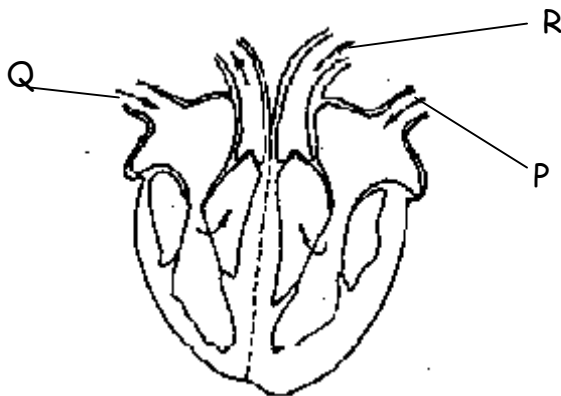
44.a) How does sound move from one place to another?

b) Mention one example of a wind musical instrument.

c) Why can't sound travel through a vacuum?

d) What do we call reflected sound?

45. The diagram below shows a mammalian heart. Use it to answer questions that follow.



a) State the function of the mammalian heart.

b) Name the parts marked with letters P and Q.

Q _____ P _____

c) Mention any one disease that affects the circulatory system.

46.a) Name two ways how soil formed.

i) _____

ii) _____

b) Identify one type of soil with the highest drainage.

c) Mention the component of soil that supports plant growth.

47.The diagram below shows a molar tooth. Use it to answer questions that follow.



a) Name the parts marked with letter W and y.

W _____ Y _____

b) State the function of the above types of tooth to man.

c) How do we care for the teeth?

48.a) Define the term immunisation.

b) State two ways the body acquires natural immunity.

i) _____

ii) _____

c) Identify one vaccine given to babies at birth.

49.a) What are vertebrates?

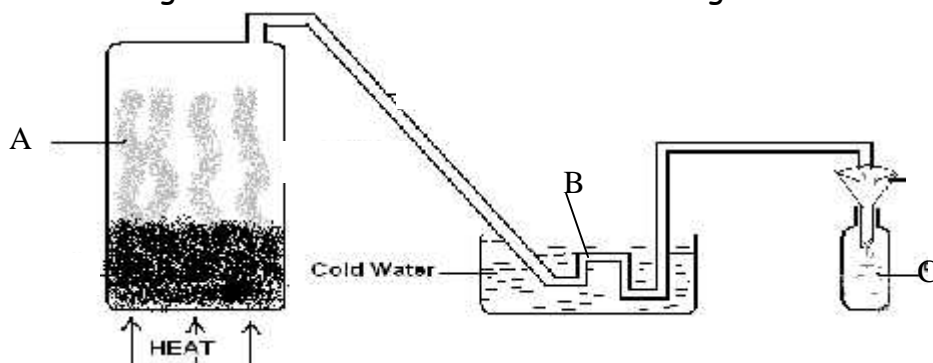
b) Name two groups of warm blooded vertebrates.

i) _____

ii) _____

c) Under which group of vertebrates do newts belong?

50. The diagram below shows a method of making alcohol.



a) Identify the process taking place at A and B.

A _____ B _____

b) State the function of cold water in the above method.

c) Name the scientific name given to the liquid marked C.

51. a) State one reason why people smoke.

b) Give one effects of smoking to:

i) an individual: _____

ii) a family: _____

c) Name one poisonous drug found in tobacco smoke.

52. Re-arrange the following steps used to separate the mixture of salt, sand and iron filings to form a correct order.

i) Filter the salt and sand to form a correct order.

ii) Evaporate the salt solution to dryness.

iii) Use a magnet to remove the iron filings.

iv) Dissolve the sand and salt mixture in water.

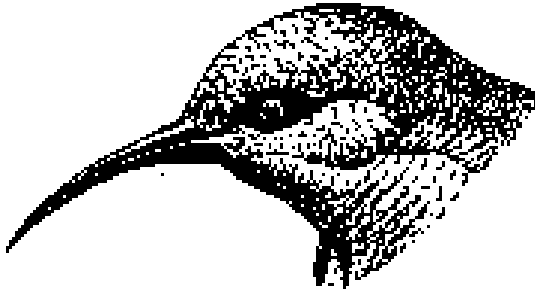
i) _____

ii) _____

iii) _____

iv) _____

53. Use the diagram below to answer questions that follow.



a) What does a bird with such a beak feed on?

b) Give one example of a bird with such a beak.

c) Mention two factors considered when classifying birds.

i) _____

ii) _____

54.a) Name the instrument used to measure the human body temperature.

b) Identify one liquid commonly used in the above named instrument.

c) Give any one reason why the above liquid is preferred to other liquids.

d) Why is a thermometer used on patients commonly placed in the armpits/

55.a) Identify any two causes of sickness in a home.

i) _____

ii) _____

b) Write down two ways we can prevent sickness in a home without using drugs.

i) _____

ii) _____

END