HILLSIDE PRIMARY SCHOOL-NAALYA
PRE-REGISTRATION EXAMINATION FOR PRIMARY SEVEN
2023
INTEGRATED SCIENCE (SET THREE)
Time Allowed: 2 Hours 15 Minutes

Candidate's Name.. ....

Candidate's Signature..

Stream ....DATE...

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.

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

1. Name any **one** element of weather.

   ....

2. State any **one** service given to a pregnant woman during antenatal visits.

   ....

   ....

3. Give the importance of auditory nerve during the process of hearing.

   ....

   ....

4. Why is the percentage of carbon dioxide exhaled greater than the one inhaled?

   ....

   ....

5. Which vitamin helps in the formation of platelets?

   ....

6. How is the practice shown below useful in sheep rearing?

   ....

   ....

7. Mention the property of sound energy that enables bats to dodge obstacles.

....

8. An object has a density of 0.25g/cc. What will happen if the object is put in water?

....

....

9. What is science?

....

....

10. Give one way how soil erosion leads to soil exhaustion.

....

....

11. Briefly explain what is meant by "**sublimation**" as used in matter.

....

....

12. Identify any **one** method used in preservation of hides and skins.

....

13. Identify the enzyme found in pancreatic juice that breaks down proteins.

....

14. Name the type of mosquito that spreads yellow fever.

....

Use the diagram below to answer the questions 15 and 16.
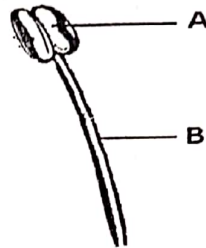
15. Name part marked **A**

....

16. State the function of part marked **B** .

....

17. Give **one** example of attenuated living vaccine.

....

18. Apart from oestrogen, give any other hormone produced by ovaries.

....

19. State **one** biological way of controlling pests in a garden.

....

....

20. Apart from nectar, name any **one** other material collected by bees from plants.

....

4

21. What happens to the mass of a liquid when it is frozen?

....

....

22. To which group of tuber crops does a crocus yam belong?

....

23. Define the term surface tension.

....

....

24. State **one** importance of practicing gap filling in the garden.

....

....

25. Write **PHC** in full.

....

....

26. Name the component of air that is destructive to iron products.

....

27. By what process does food move through the alimentary canal?

....

28. Give **one** example of a synthetic fibre.

....

29. How is radiant heat from the sun useful to people?

....

....

30. Why does fish die when it is removed from water for some time?

....

....

31. Name the type of simple leaf shown below.

....
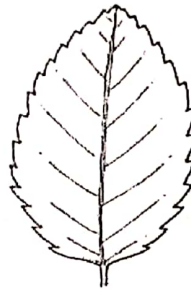
32. State any **one** stage of food path.

....

....

33. Identify any **one** example of a perennial crop.

....

34. Give any **one** effect of heat on matter.

....

....

35. How are birds like eagles adapted to their mode of feeding?

....

....

36. What do we call the property by which a body remains at the state of rest or uniform motion?

....

37. State any **one** similarity between birds and reptiles.

....

....

38. Mention the valve that separates the left atrium from the left ventricle.

....

39. Name the virus that causes chicken pox.

....

....

40. Why do we boil water for drinking?

....

....

SECTION B

41. a) Briefly give the meaning of term environment.

....

....

b) Name any **two** non-living components of the environment.

   (i)...

   (ii)..

(c) Mention the resource from which charcoal is got.

....

42 a) What are communicable diseases?

....

....

(b) Give **two** examples of communicable diseases.

(i)...

(ii)...

(c) State **one** way diseases can be prevented or controlled in our community.

....

....

43.a) Give any **two** causes of soil erosion.

(i)...

(ii)...

(b) Identify any **two** methods used by farmers to control soil erosion.

(i)...

(ii)...

44. The diagram below shows a farm tool. Use it to answer the questions that follow.
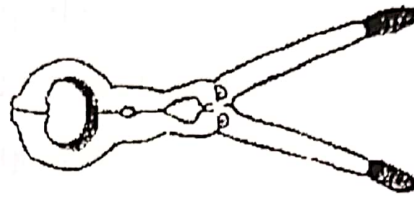
a) Name the tool shown above.

....

b) State the function of the tool above on the farm.

....

....

c) Give any **two** diseases that affect cattle.

(i)..

(ii)..

45a) Identify any **one** example of each of the following.

(i)String instrument...

(ii)Percussion instrument...

b) Give **two** methods of storing sound.

(i)..

(ii)..

46. **Match the following correctly.**

	List **A**	List **B**
(a)	Woodpecker	Perching bird
(b)	Puffin	Wading bird
(c)	Sparrow	Climbing bird
(d)	Ibis	Swimming bird

(a)Woodpecker……………………………………………………………..

(b)Puffin…………………………………………..……..……………..………

(c)Sparrow………………………………………………………………………

(d)Ibis………………………………………………………………………

47.**The diagram below shows a body system in human beings. Use it to answer questions that follow.**
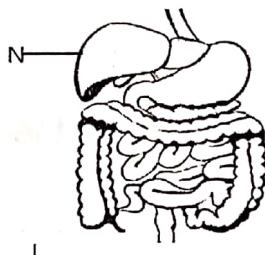
(a)Name the body system shown above.

…………………………………………………………………………………

(b)Identify the juice produced in part marked with letter **N**.

…..…………………………………………………………………………

(c) State any **two** ways of caring for the above body system.

(i)..

(ii)...

48.(a) Mention any **two** activities that help to control the spread of diarrhoeal diseases in the community.

(i)..

(ii)...

(b) How does proper management of wastes make a home healthy?

....

....

(c) Give **one** reason why ash is used in ordinary pit latrines.

....

....

49. (a) What is meant by the term immunity?

....

....

(b) Write down any **two** examples of childhood immunizable diseases.

(i)..

(ii)...

(c) How is a child health card useful to a parent?

....

50. The diagram below shows a garden tool, use it to answer questions that follow.
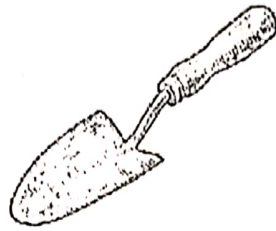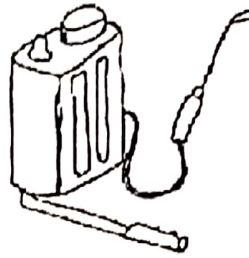
G   H

(a)Name the garden tools marked with letters G and H.

   G: ....

   H: ....

(b)Identify the use of the garden tool marked with letter **G** to a farmer.

....

(d) How does painting of some garden tools prevent them from rusting?

....

....

51(a)What scientific term describes the process by which the manufactured food in plants move from leaves to other parts?

....

....

(b)Mention any **two** adaptations of plants to carry out photosynthesis.

(i)...

(ii)..

(c) How does respiration benefit from the process of photosynthesis?

....

....

12

52.(a) Define the term dehydration.

....

....

(b)Identify **two** example of solutes used to make oral rehydration solution.

(i)..

(ii)...

(c) State any **one** sign of a dehydrated child.

....

53.Below are components of blood. Use them to answer questions that follow.
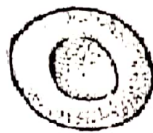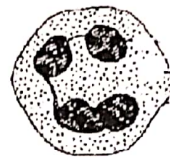
| A | B |

(a)Identify the blood cells marked with letters **A** and **B**.

(i) **A**...

(ii) **B**...

b) Which of the above blood cell is destroyed by HIV germ?

....

c) State the function of the blood cell marked with letter **A**.

....

....

54.a) Why is a spider grouped under arachnids?

....

....

b) Give **two** characteristics of arthropods.

(i)..

(ii)..

(c)State any **one** structural difference between a spider and a tsetse fly.

....

....

55. (a) How can a primary seven pupil find the volume of a stone?

....

(b) Name the device used to measure density of different objects.

....

(c) A stone has volume of 5cc and mass of 40g.Calculate its density. (2marks)

....

END