

NAMAGUNGA PRIMARY BOARDING SCHOOL

BEGINNING OF TERM III EXAMINATION, 2022

PRIMARY SEVEN - INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

	EMIS NO.					PERSONAL NO.		
Index No.								

CANDIDATE'S NAME:

CANDIDATE'S SIGNATURE:

EMIS NO:

DISTRICT:

Read the following instructions carefully.

1. This paper has two sections **A** and **B**.
2. Section **A** has **40** short questions. (40 marks)
3. Section **B** has **15** questions. (60 marks)
4. Answer **ALL** questions. All answers to both sections **A** and **B** must be written in spaces provided.
5. All answers must be clearly written using blue or black ball point pen or ink. Only diagrams should be drawn in pencil.
6. Unnecessary changes of work may lead to loss of marks.
7. Do not fill in the boxes. They are for examiner's use only.

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

SECTION A (40 MARKS)

1. Mention one example of a chemical change that occurs in living things .

.....

2. Name one part of the shoot system of a flowering plant .

.....

3. State one adaptation of birds to flight .

.....

4. Give the main reason why people rear broiler chickens .

.....

5. Write one way of keeping the human body healthy.

.....

6. Why should food in the mouth be chewed properly before swallowing it ?

.....

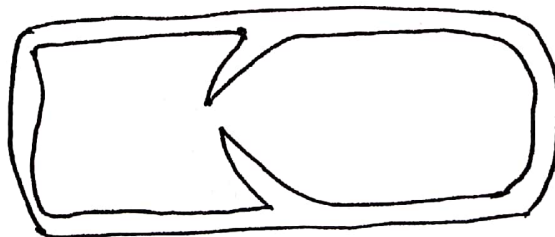
7. State one danger of keeping an inflated balloon in sunshine .

.....

8. Give one way of protecting milk from going bad .

.....

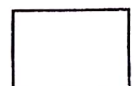
The diagram below shows the inside of a blood vessel . Use it to answer questions 9 and 10 .



9. Which type of blood flows in the blood vessel shown above ?

.....

10. Use an arrow to show the direction of flow of blood in the blood vessel above .



11. Mention one type of crops grown in your community .

.....

12. State what happens to light rays when they fall on a plane mirror .

.....

13. Give one way of controlling mosquitoes around our school .

.....

14. Mention one form of food taboo in our community .

.....

15. How can the spread of air borne diseases be controlled ?

.....

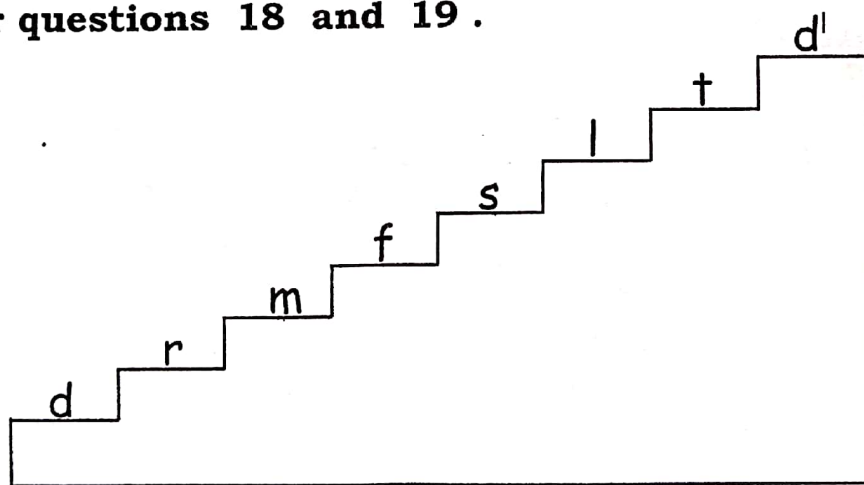
16. Why does clay soil have the highest capillarity ?

.....

17. Apart from oxygenation , give another reason why blood goes to the lungs .

.....

The diagram below shows a method of storing sound. Use it to answer questions 18 and 19 .



18. Identify the method of storing sound shown above .

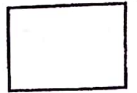
.....

19. Give one way of reproducing sound stored by the method shown above .

.....

20. Why does the ileum have a big number of villi ?

.....



21. Name the source of energy in a food chain .

.....

22. Why does a black fly lay its eggs in fast flowing water ?

.....

23. State one danger of too much oxygen in plant leaves during the day.

.....

24. Which immunisable disease leads to damage of the human skin ?

.....

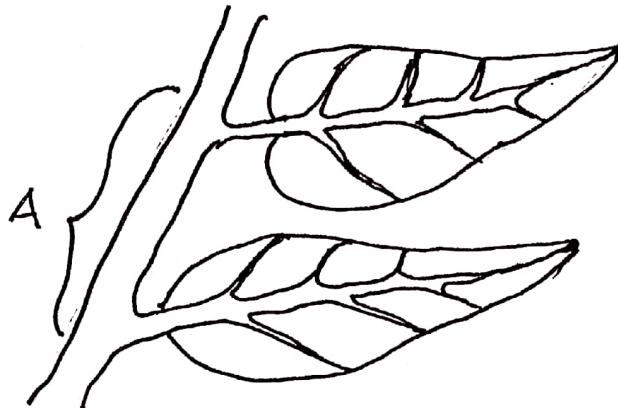
25. Give one way of preventing rotting of tomatoes in the garden .

.....

26. State the function of the left atrium of the heart .

.....

The diagram below shows part of a shoot system of a flowering plant . Use it to answer questions 27 and 28 .



27. Name part marked **A** .

.....

28. Use letter **B** to show the node on the diagram above .

.....

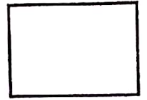
29. State one way of preventing bad smell of water borne toilets .

.....

30. How are wind musical instruments played ?

.....

31. Which vector spreads relapsing fever ?



.....

32. Give one importance of radiant heat from the sun .

.....

33. Why should magnets be kept in a cool dry place ?

.....

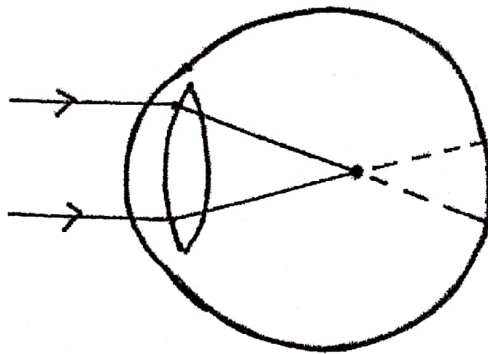
34. State the law of charges of electricity .

.....

35. What first aid can be given to a person who has been bitten by a snake on a foot ?

.....

Use the diagram of the eye defect below to answer questions 36 and 37 .



36. Identify the eye defect shown above .

.....

37. How can the eye defect shown above be corrected ?

.....

38. Mention one material used to make protective gear against electricity .

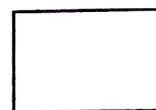
.....

39. How is capillary action important in the working of a kerosene lamp?

.....

40. Mention one part of a shadow .

.....



SECTION B 60 MARKS

41(a) Mention any two energy resources from water .

(i)

(ii)

(b) State two ways in which energy resources from water are useful to people .

(i)

(ii)

42(a) State two factors that lead to alcoholism in a home .

(i)

(ii)

(b) Give one danger of alcoholism in a home .

.....

(c) Mention one life skill that can be promoted at home to prevent alcoholism .

.....

43(a) What name is given to bacteria found in the roots of beans ?

.....

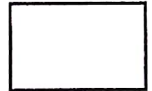
(b) State the importance of the bacteria named above in the soil .

.....

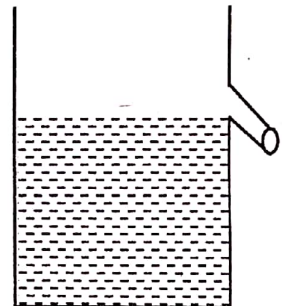
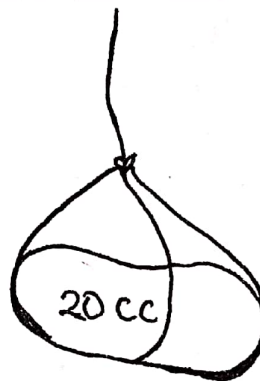
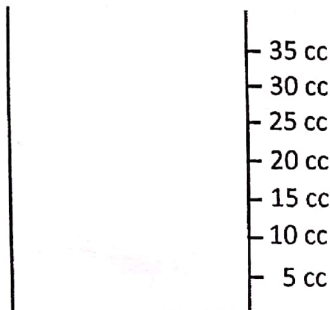
(c) Give two other importance of bacteria to people .

(i)

(ii)



44. **Below are materials used to find volume of an irregular shaped object .**



Arrange the materials in the space provided below to show that the volume of the object is 20cc as shown above .

45(a) State the meaning of a woodlot .

.....

(b) Give one factor considered when setting up a woodlot project .

.....

(c) State two importance of a woodlot project .

(i)

(ii)

46(a) How does each of the following cause soil erosion ?

(i) over cultivation

.....

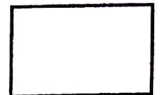
(ii) uncontrolled bush burning

.....

(b) Give any two ways of controlling soil erosion in a crop garden .

(i)

(ii)



47(a) In a statement, give the meaning of food poisoning.

.....
.....

(b) Write any two causes of food poisoning .

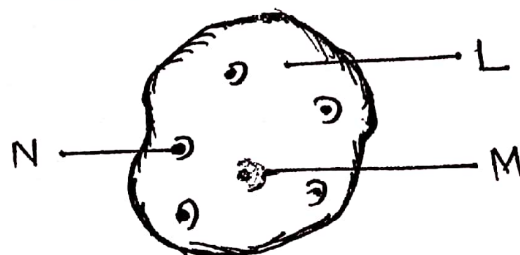
(i)

(ii)

(c) How can poisoning be prevented at home .

.....

48. **The diagram below shows a stem tuber. Use it to answer questions that follow.**



(a) Name parts marked **M** and **N** .

(i) M (ii) N

(b) State the importance of part marked **L** to the plant ?

.....

(c) How is the stem tuber shown above different from a sugarcane plant ?

.....

49(a) Mention one class of food that helps to strengthen body immunity.

.....

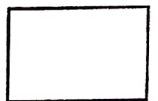
(b) Apart from strengthening body immunity, give two other importance of food in the body .

(i)

(ii)

(c) Why are some foods not cooked but eaten in their raw form ?

.....



50(a) How does near drowning cause death of a person ?

.....

(b) Give a way in which a kiss of life helps to prevent death of a near drowning victim ?

.....

(c) State two ways of preventing near drowning at school .

(i)

(ii)

51(a) Write the season in which ploughing of land is done .

.....

(b) Mention the activity that follows ploughing in the preparation of land for crop growing .

.....

(c) Give two reasons why ploughing of land for crop growing is important .

(i)

(ii)

52(a) Mention any two examples of insectivorous mammals .

(i)

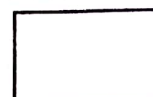
(ii)

(b) Why are insectivorous mammals called nocturnals ?

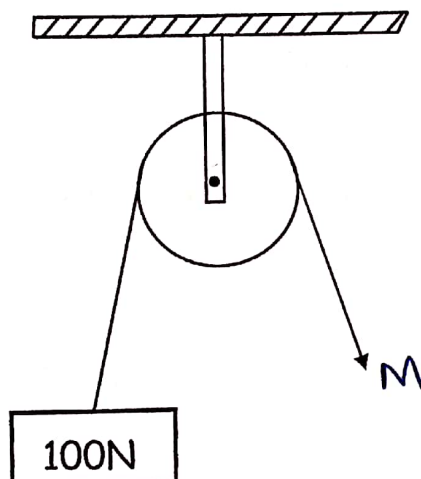
.....

(c) Give one adaptation of insectivorous mammals to their mode of feeding .

.....



53. The diagram below shows a pulley system. Use it to answer questions that follow.



(a) Name the type of pulley shown above .

.....

(b) State the importance of part marked M in the working of the pulley system above .

.....

(c) What does the arrow on the string above show ?

.....

(d) How much effort is needed to raise the load shown on the pulley above?

.....

54(a) Why is the skin grouped under excretory organs ?

.....

(b) Apart from their function, mention another way in which the skin is different from other excretory organs.

.....

(c) Give two ways of caring for the skin .

(i)

(ii)

55(a) Apart from protection, state two other importance of blood in the human body.

(i)

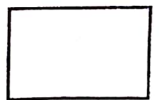
(ii)

(b) Mention one disease that affects blood.

.....

(c) Give one way of increasing the volume of blood in the human body.

.....



~END~