

NAMAGUNGA PRIMARY BOARDING SCHOOL  
PRE-PRIMARY LEAVING EXAMINATION FINAL SET  
INTEGRATED SCIENCE  
(2023)

**Time Allowed: 2 Hours 15 minutes**

Random No.	Personal No.

Candidate's Name: .....

Candidate's Signature: .....

District ID No: 

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**Read the following instructions carefully:**

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **15 printed pages** altogether.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **must** be written using a **blue or black** ball point pen or ink. Any work written in pencil will **not** be marked.
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 EXAMINER’S USE ONLY”** and boxes inside the question paper.

<b>FOR EXAMINER’S USE ONLY</b>		
QN NO.	MARK	EXER’S NO
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
<b>TOTAL</b>		

## SECTION A : 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name **one** dairy breed of goats.

.....

2. What name is given to the addictive drug found in tobacco ?

.....

3. Give **one** adaptation of a fish to its life in water.

.....

4. Which type of change causes growth of organisms in the environment ?

.....

5. State the first aid which can be given to a person who has poured hot porridge on a hand.

.....

6. Give **one** condition under which digestive enzymes in humans work.

.....

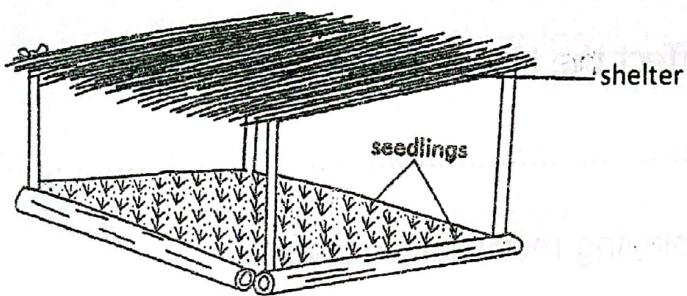
7. Why is the moon not grouped under sources of light ?

.....

8. Give **one** way in which sand soil can be improved for crop growing.

.....

The diagram below shows a structure used in crop growing. Use it to answer questions **9** and **10**.

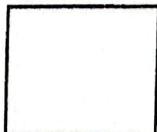


9. Identify the structure shown above.

.....

10. Give **one** way in which the crop growing structure above is important to people.

.....



11. Name the second stage in the life cycle of a cockroach.

.....

12. Give **one** difference between pure water and impure water.

.....

13. State **one** importance of leaves to plants.

.....

14. Mention **one** example of a vulnerable group of people.

.....

15. Why would you advise your fellow learners to always do physical exercises ?

.....

16. How does speed affect the kinetic energy of an object ?

.....

17. State **one** way of playing musical instruments.

.....

18. Give **one** importance of spraying using herbicides in crop husbandry.

.....

The diagram below shows a feeding mechanism of some animals. Use it to answer questions **19** and **20**.



19. Which term is used to refer to animal marked **K** ?

.....

20. Give one adaptation of animal **K** to its mode of feeding shown above.

.....

21. State **one** way of protecting garden tools from rusting.

.....

22. Why should babies be breastfed up to at least 2 years ?

.....

23. State the role of water during photosynthesis.

.....

24. Which part of a maize grain is similar to the cotyledon of a bean seed ?

.....

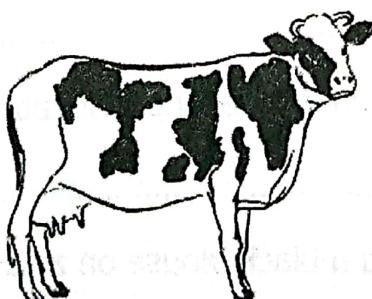
25. Give **one** importance of culling in livestock management.

.....

26. Why should a vacuum flask be handled carefully ?

.....

The diagram below shows a breed of cattle. Use it to answer questions **27** and **28**.



27. Name the breed of cattle shown above.

.....

28. Which characteristic has enabled you to name the breed of cattle as in **27** above ?

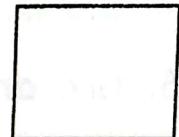
.....

29. State the meaning of oral hygiene.

.....

30. In which way do manufacturers of drinks prevent the effects of freezing in bottles ?

.....



31. Which method of cooking food involves the use of vapour ?

.....

32. Why can't sand completely disappear when stirred in water ?

.....

33. Mention the part of an insect where the legs are attached.

.....

34. Give **one** factor considered when selecting a suitable place for an apiary.

.....

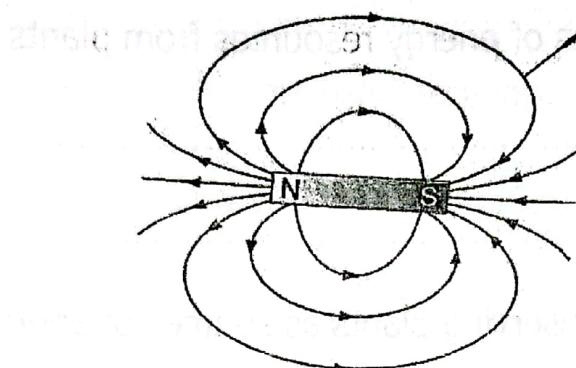
35. State **one** danger of wearing a black blouse on a sunny day.

.....

36. What causes river blindness ?

.....

The diagram below shows a property of magnets. Use it to answer questions 37 and 38.



37. Name part marked **P**.

.....

38. Which property of magnets is shown in the diagram above.

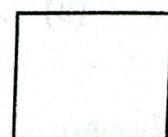
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39. How can a mother tell that her children are infested with worms?

.....

40. Mention **one** example of a root crop.

.....



## SECTION B : 60 MARKS

Questions 41 to 55 carry four marks each.

41(a) Mention **two** examples of energy resources from plants.

(i) .....

(ii) .....

(b) Give **two** ways of conserving plants as sources of energy in the environment.

(i) .....

(ii) .....

42(a) State any **two** uses of essential drugs.

(i) .....

(ii) .....

(b) Write **two** ways of proper storage of essential drugs at home as people use them.

(i) .....

(ii) .....

43(a) Give any **two** ways in which fungi are useful to people.

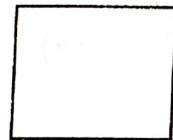
(i) .....

(ii) .....

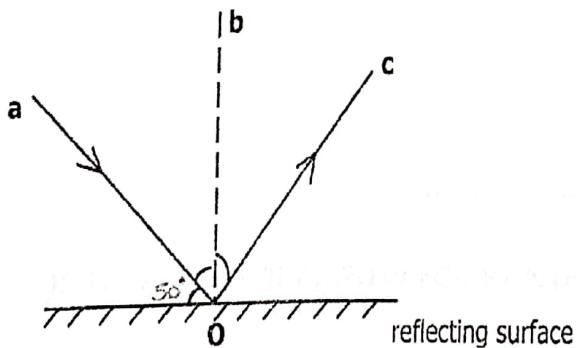
(b) Mention **two** dangers of some fungi to people.

(i) .....

(ii) .....



44. Use the diagram of a type of reflection of light below to answer questions that follow.



(a) Name the ray of light marked **C** .

.....

(b) Which type of reflection is shown in the diagram ?

.....

(c) Find the angle of incidence.

(2 marks)

45(a) Give **two** ways of caring for trees in a garden.

(i) .....

(ii) .....

(b) State any **two** importance of growing trees.

(i) .....

(ii) .....

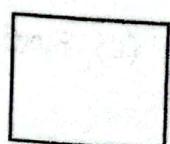
46(a) Mention **two** types of soil erosion.

(i) .....

(ii) .....

(b) Give any **one** danger of soil erosion in crop growing.

(c) State **one** control measure of soil erosion in a garden.



47(a) Write any **two** classes of food.

(i) .....

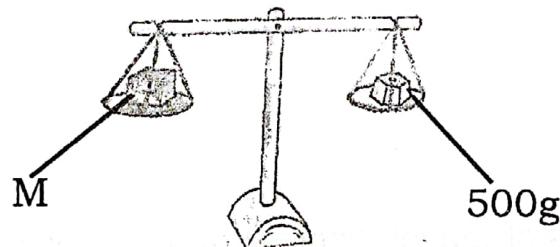
(ii) .....

(b) Give **two** importance of food in the body.

(i) .....

(ii) .....

48. The diagram below shows a weighing scale. Use it to answer questions that follow.



(a) Name the weighing scale shown in the diagram.

.....

(b) What is the mass of the box marked M ?

.....

(c) Give a reason to support your answer in (b) above

.....

(d) Mention **one** other weighing scale used to measure mass.

.....

49(a) Why are wasps grouped under social insects ?

.....

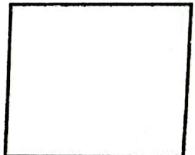
(b) Give **two** other examples of social insects.

(i) .....

(ii) .....

(c) State **one** importance of social insects to people.

.....



50(a) Mention **two** examples of foreign bodies that can enter the human ear.

(i) .....

(ii) .....

(b) Give **one** form of first aid that can be given to a victim of foreign bodies in the ear.

.....

.....

(c) Why are some foreign bodies in the ear supposed to be removed by medical people only ?

.....

.....

51(a) Mention the class of vertebrates in which a rat belongs.

.....

(b) Why is a rat called a warm blooded animal ?

.....

.....

(c) Write any **two** other examples of warm blooded animals.

(i) .....

(ii) .....

52(a) Write P.H.C in full.

.....

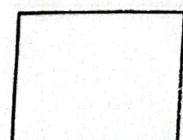
(b) Mention **one** activity done at a family level to promote P.H.C.

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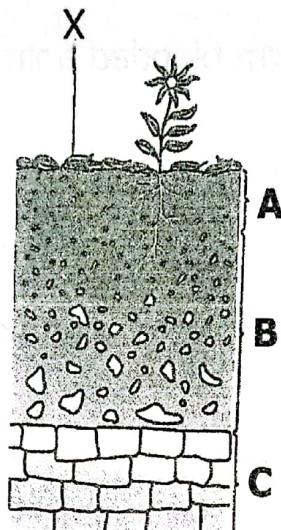
(c) State **two** ways in which sensitisation of community members about good health habits can be done.

(i) .....

(ii) .....



53. The diagram below shows a vertical arrangement of soil layers. Use it to answer questions that follow.



(a) Name the layers marked A and C.

(i) A ..... (ii) C .....

(b) Which term refers to the movement of mineral salts from layer A to B?

.....  
.....  
(c) Mention the process by which materials marked X form soil.

54(a) Give two examples of waste products removed from the body.

(i) .....

(ii) .....

(b) State one danger of failure to remove wastes from the body in time.

.....

(c) Give one way of keeping excretory organs healthy.

.....

.....

55(a) Name the component of air that :

(i) supports life .....

(ii) puts out fire .....

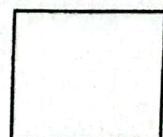
(b) Which component of the environment helps to filter air?

.....

(c) Give another use of air apart from the ones in (a) above.

.....

**END**



~ SUCCESS ~