

NAKAPIRIPIRIT DISTRICT ACADEMIC COMMITTEE

PRIMARY LEAVING MOCK 2025

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes.

Random No.						Personal No.		

Candidate's Name:.....

Candidate's Signature:

School Name:

District Name:.....

Read the following instructions carefully:

1. This paper is made up of two sections: **A** and **B**.
2. Section **A** has **40** questions (**40 Marks**)
3. Section **B** has **15** questions (**60 Marks**)
4. Answer **ALL** questions in both sections **A** and **B**.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any hand writing, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only

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

SECTION A (40 MARKS)

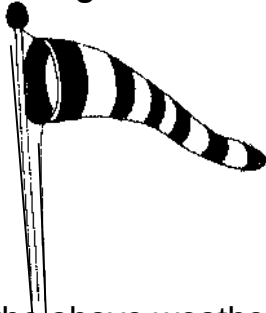
1. Name the form of energy that enables us to hear.

2. Why are mushrooms regarded as saprophytes?

3. Name the element of PHC that involves sharing of information about health.

4. Give **one** example of foods used in weaning babies.

Use the diagram below about weather instrument to answer questions 5 and 6.



5. Name the above weather instrument.

6. Which type of weather involves the use of the above instrument?

7. State **one** way ligaments are important in the human body.

8. Give **one** way in which biogas helps to conserve the environment.

9. Suggest **one** way a person suffering from flu can avoid spreading it to healthy people.

10. Name **one** raw material used by plants to make their own food.

11. Which type of immunity is acquired through breastfeeding?

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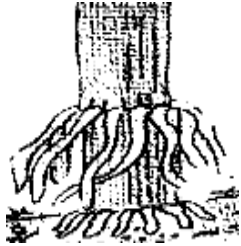
12. Name the component of air that supports burning.

13. State **one** danger of staying with domestic animals in the same house.

14. Give a reason why ceramics such as pots are first fired in a kiln before use.

15. Give **one** reason why children are encouraged to chew food properly before swallowing it.

The diagram below shows part of a flowering plant. Study and use it to answer questions 16 and 17.



16. Name **one** flowering plant that develops such roots.

17. How are the above roots useful to such flowering plants?

18. Name the component of blood that carries oxygen in the body.

19. Write **one** characteristic of dicotyledonous seeds.

20. Mention any **one** quality of laboratory manufactured drugs.

21. Give any **one** reason why farmers castrate their male goats.

22. State **one** effect of hookworm infestation to the human body.

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23. In which way do earth worms improve soil aeration?

24. Name the part of the human ear that collects sound waves from the environment.

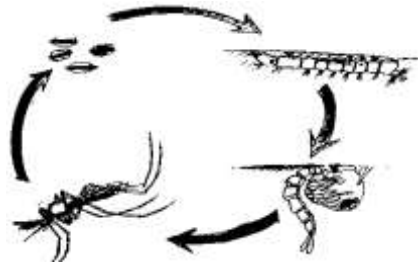
25. What causes rickets disease in young children?

26. State the energy change that occurs in charcoal during cooking.

27. Give a reason why houses should have ventilators.

28. Polly was seen sharpening a panga on a stone. Which force was helping him to sharpen the panga?

The diagram below shows the life cycle of a disease vector. Study and use it to answer questions 29 and 30.



29. Name the disease vector shown in the above diagram.

30. Which disease is spread by the above disease vector?

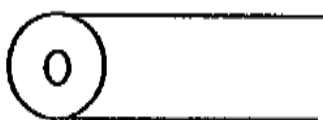
31. Write **one** characteristic of pests that damage tuber crops.

32. State **one** way of preventing teeth breakage in humans.

33. How are coconut fruits dispersed?

34. How is fast flowing water helpful in the production of hydroelectricity?

The diagrams below show blood vessels. Study and use them to answer questions 35 and 36.



A



B

35. Name the type of blood vessel marked **B**.

36. How is blood vessel marked **A** adapted to keeping blood flowing at higher pressure?

37. In which region of the body are the kidneys located?

38. Name the type of pulley used to raise a flag on a flag pole.

39. Write **one** characteristic of images formed in the human eye.

40. Why does water pass through sand faster than in clay soil?

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SECTION B (60 MARKS)

41. (a) Name the weather instrument used to measure the amount of rainfall received in an area.

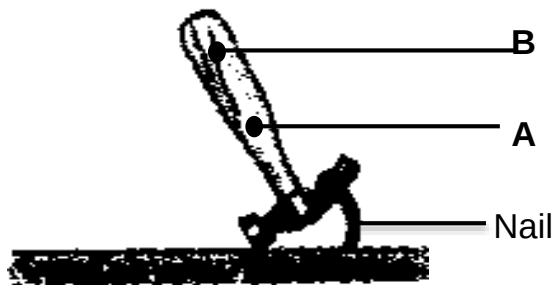
(b) How is the above weather instrument positioned to prevent obstruction of rain droplets?

(c) Write **two** uses of rainfall to people.

(i)

(ii)

The diagram below shows a simple machine. Study and use it to answer question 42.



42. (a) To which class of levers does the above machine belong?

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

(c) On which point A and B would you apply effort to make work easier?

(d) Write **one** use of the above simple machine in our daily lives.

43. (a) Write any **two** examples of products made from beeswax.

(i)

(ii)

(b) Mention any **two** enemies of bees.

(i)

(ii)

44. (a) Define crop pests.

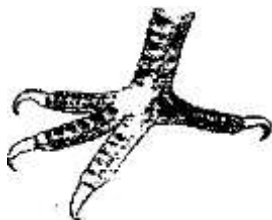
(b) Name any **one** vertebrate pest that damages maize.

(c) Write the way the following practices control crop pests.

(i) regular weeding

(ii) crop rotation

The diagram below shows the foot of a certain bird. Study and use it to answer question 45.



45. (a) What kind of food is fed on by a bird with such a foot?

(b) How does the above foot enable such birds to obtain their food?

(c) Name any **two** birds that have such a foot.

(i)

(ii)

46. (a) Mention any **two** diseases spread by houseflies.

(i)

(ii)

(b) Give **one** way a housefly contaminates food.

(c) How does proper disposal of human wastes prevent contamination of food by a housefly?

47. (a) Mention any **two** examples of local breeds of goats reared in Uganda.



(i)

(ii)

(b) In which **one** way can farmers improve local breeds of goats?

(c) Write **one** system used in rearing goats.

48. (a) Write any **one** cause of maternal anaemia.

(b) Give **two** requirements needed by a pregnant mother.

(i) _____

(ii) _____

(c) Mention any **one** way of caring for a newly born baby.

49. The table below shows poultry diseases. Study and complete it carefully.

Diseases	Cause	Sign
(i) _____	Protozoa	Blood stained droppings
Fowl typhoid	(ii) _____	Rapid weight loss
Pneumonia	Virus/ bacteria	(iii) _____
Newcastle disease	(iv) _____	Poor egg shell formation

50. (a) What name is given to the clean water obtained after decanting?

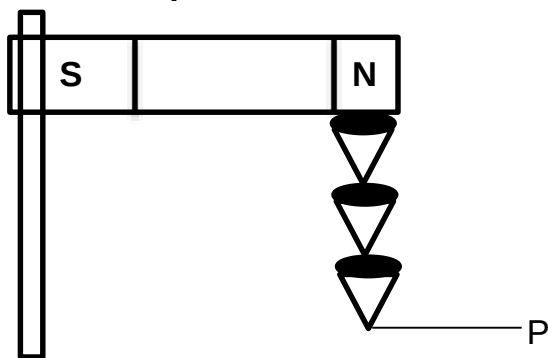
(b) Apart from decantation method, mention **one** other method used to remove impurities from water.

(c) Give any **two** examples of chemicals used to treat water for drinking.

(i) _____

(ii) _____

The diagram below shows a method of making a temporary magnet. Study and use it to answer question 51.



51. (a) Name the method shown in the diagram above.

(b) Name the pole created at P.

(c) Why is the magnet produced using the above method said to be a temporary magnet?

(d) Write any **one** way of weakening a magnet.

52. (a) What is steaming up in cattle keeping?

(b) Write any **two** advantages of steaming up.

(i) _____

(ii) _____

(c) Give a reason why a newly born calf should be fed on colostrum.

53. (a) Where in the human body does respiration take place?

(b) Which component of air is used in respiration?

(c) Mention any **one** by-product given out during respiration.

(d) Explain why a schoolchild running to school breathes faster than normal.

54. (a) You are provided with water, basin and glass. Write steps you would take to show that air occupies space.

(i) _____

(ii) _____

(iii) _____

(b) In the space below, draw a diagram to show the explanation in the steps you have written above.

55. (a) Write **two** similarities between biological and chemical changes.

(i) _____

(ii) _____

(b) Mention any **two** examples of chemical changes.

(i) _____

(ii) _____

END