

KAMWENGE DISTRICT ACADEMIC BOARD

PRIMARY LEAVING MOCK EXAMINATION, 2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random Number						Personal Number		

Candidate's Name:.....

Candidate's Signature:.....

School Emis No:.....

Sub-County:.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully:

1. This paper is made up of two Sections: A and B.
2. Section A, has 40 short-answer 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 the spaces provided.
5. All answers **MUST** be written using a blue or black ball-point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the box indicated "For examiners' use only" and those inside the question paper.

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

Turn Over

SECTION A: (40 Marks)

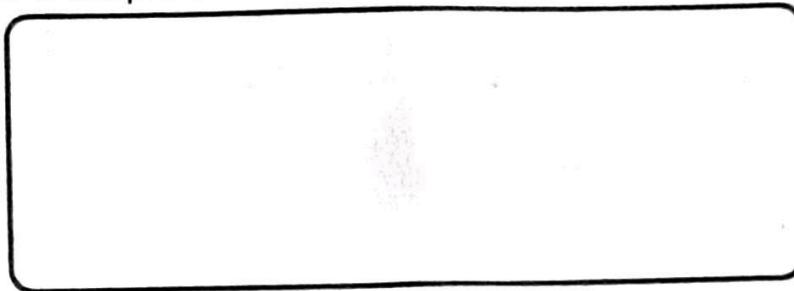
1. Mention any **one** disease that affects the human respiratory system.

2. Why do banana growers prop their plants?

3. How do rollers reduce friction between moving parts?

4. Name any **one** raw material from which traditional beehives are made.

5. Draw a simple serrated leaf in the space below.



6. How are crutches useful to a polio victim?

7. Name the process that increases the amount of oxygen in the atmosphere.

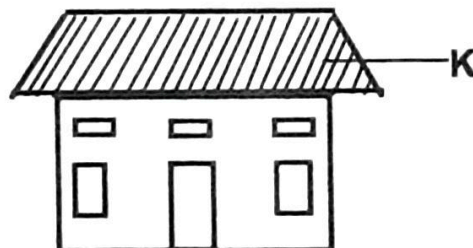
8. What happens to an electric bulb when the gas put inside is used up?

9. How can a P.7 pupil participate in immunisation programs.?

10. State any **one** reason for giving first aid to a child who has nearly drowned. ☐
11. Identify the eating practice that prevents indigestion in humans.

12. How do carnivorous animals obtain food from plants?

The diagram below shows a house, use it to answer questions 13 and 14.



13. Identify any **one** material used on the part marked K.

14. What is the function of the part marked K?

15. What is the importance of long, slender, curved beak to a sunbird?

16. Mention any **one** way of promoting dental health.

17. What is the importance of sugar put in ORS?

18. State any **one** reason why a health parade is important to the school.

19. How does boiling water control water borne diseases?

20. Give any **one** example of a non-living renewable resource in the environment.
21. How do softboards control echo in the cinema hall?

22. Apart from absorbing water and mineral salts, how else are roots useful to a potato plant?

23. Mention any **one** life skill a P.7 girl can develop to help her safe guard against teenage pregnancy.

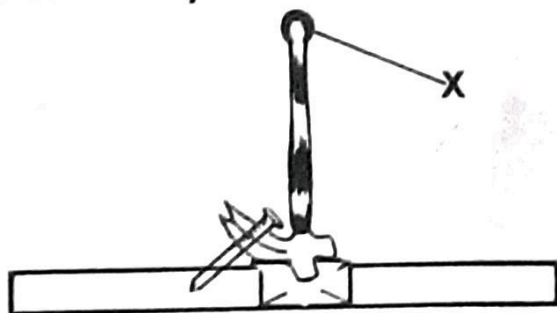
24. Mention any **one** importance of fat cell found under the skin of humans.

25. Apar from removing dirt, why should the udder and teats be washed with warm water before milking?

26. Write down any **one** example of a plant that reproduces in the same way as a mushroom.

27. Why is it not advisable to pour oil into a pit latrine?

*The diagram below shows an item used in our daily life.
Use it to answer questions 28 and 29.*



28. Use letter N to label the position of the load.
29. Under which class of levers does the above item belong?

30. Why is clay soil able to hold water much longer than other types of soil? ☐

31. State any **one** reason for putting litter in a poultry house.

32. Why can't a magnet be used to separate nails from steel filling?

33. Mention any **one** example of exotic breed of cattle kept for milk production.

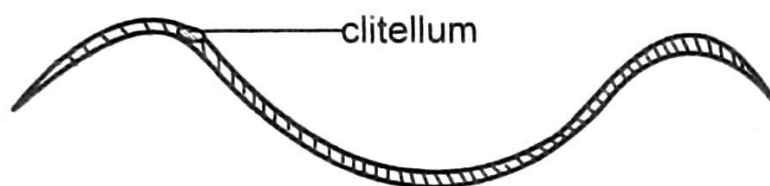
34. What evidence is there to show that light travels faster than sound in air?

35. State any **one** way of controlling red eyes (conjunctivitis) among school children.

36. What is the function of the tongue during the process of digestion?

37. Why is it important to wean babies at six months?

The diagram below shows a soil macro-living organism, use it to answer questions 38 and 39.



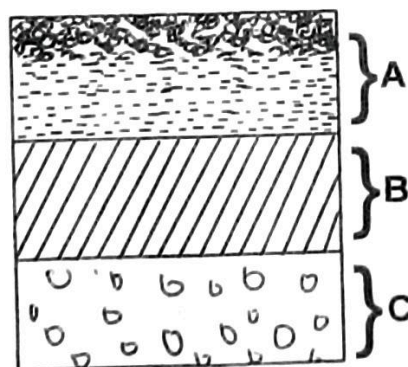
38. Name the organism shown above?

39. State any **one** way in which the above organism is important in the soil.

40. Give any **one** health benefit of wearing shoes among pupils in a school. ☐

SECTION B (60 Marks)

41. *The diagram below shows the vertical arrangement of soil layers. Use it to answer questions that follow.*



(a) What name is given to the vertical arrangement of soil layers?

(b) Name the layer of soil that contains mineral salts as a result of leaching.

(c) Give **one** reason why leaching is bad?

(d) Why is the bedrock an important layer to man?

42. (a) Identify any **one** way in which a family can control the out break of common diseases at home.

(b) How is regular bathing important to an individual?

(c) Mention **two** activities children can do to promote sanitation at home.

(i)

(ii)

43. (a) Write down any **two** examples of religious food taboos.

(i)

(b) How are food taboos dangerous to people?

(c) Mention any **one** way of caring for breast feeding mothers.

☐

44. *The table below shows processes in human reproduction and their meanings. Complete correctly by matching.*

<u>A</u>	<u>B</u>
Ovulation	Union of sperm and Ovum.
Implantation	Release of ovum from the ovary.
Pregnancy	Attachment of embryo on the uterus.
Fertilisation	A period from fertilisation to birth.

(i) Ovulation

(ii) Implantation

(iii) Pregnancy

(iv) Fertilisation

45. (a) Which method of magnetisation requires electric energy?

 (b) State any **one** reason why the wires of the solenoid should be insulated?

 (c) Give any **two** ways how magnets lose their magnetism?
 (i) _____
 (ii) _____

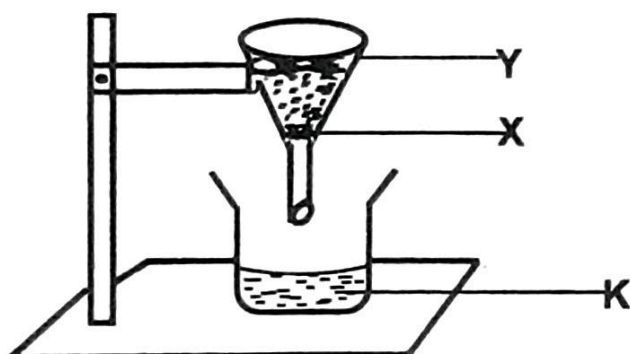
46. **Use the list of the crops given below to answer questions that follow.**

conifer, tea, cassava, beans

- (a) Which crop on the list is propagated by the use of stem cutting?

 (b) Identify any **one** crop on the list which is;
 (i) An annual crop _____
 (ii) A perennial crop _____
 (c) Give any **one** way in which a conifer is different from other crops.

47. **The diagram below shows an experiment carried out by P.6 pupils. Use it to answer questions that follow.**



- (a) Identify the method of cleaning water used above.

 (b) State the scientific name given to the substance marked X and K.
 (i) X _____
 (ii) K _____
 (c) Apart from the above method, how else can one obtain clean water?

48. (a) In which **two** ways can P.7 candidates care for their school bags?
 (i) _____
 (ii) _____
 (b) Write down any **two** local materials that can be used to make school bags.
 (i) _____
 (ii) _____

49. (a) Give **two** reasons why farmers are encouraged to plant their crops in rows.

(i) _____
(ii) _____

(b) Mention any **two** dangers of prolonged use of artificial fertilisers in the garden.

(i) _____
(ii) _____

50. *Study and complete the table of diseases and their respective vectors.*

Vectors	Diseases
(i) _____	trachoma
Fresh water snail	(ii) _____
(iii) _____	sleeping sickness
Black flies	(iv) _____

51. (a) Mention any **one** biological control method of mosquitoes.

(b) Identify any **two** mosquito-borne diseases that you know.

(i) _____
(ii) _____

(c) How does pouring oil on stagnant water help to control mosquitoes.

52. (a) Give any **one** reason why a classroom should have dustbin.

(b) Identify any **one** local material that can be used to make a dustbin in a classroom.

(c) Mention the importance of keeping each of the following clean at school.

(i) Latrine

(ii) Compound

53. (a) Who is a blood recipient?

(b) Mention any **two** types of blood groups.

(i) _____

(ii) _____

(c) State any **one** way of increasing the volume of blood in the human body.

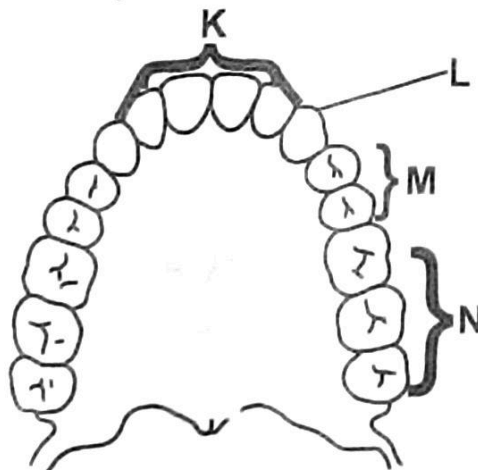
54. (a) Why is it possible to separate alcohol from water using distillation.

(b) Give any **one** misconception about alcohol in the society.

(c) State the importance of alcohol in the sixth's thermometer.

(d) What is the boiling point of alcohol on a centigrade scale?

55. *The diagram below shows the arrangement of permanent teeth in the lower jaw of a human being. Study it and answer the questions that follow.*



(a) Name the type of teeth marked **M**.

(b) State the function of the types of the teeth labelled.

(i) **K** _____

(ii) **L** _____

(c) State the type of teeth that is absent in the milk set of teeth.



END