RAPHA EXAMINATIONS BOARD

" Education is an Investment"

PRIMARY SEVEN PRE PLE SET 2
2026
INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Random No.							Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

District ID No.

1. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **12 printed pages** altogether.
2. Answer **all** questions. **All** answers for 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 ink. Any work written in pencil other than drawings will **not** be marked.
4. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss** of marks.
5. Do not fill anything in the table indicated **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

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

SECTION A: 40 MARKS

1. State **one** class of food that protects the body against diseases.

.....

2. Give any **one** mechanical method of controlling crop pests in the garden.

.....

3. Name any **one** way in which plants are can be conserved as enerrgy resources.

.....

4. Mention any **one** poisonous chemical substance found in tobacco.

.....

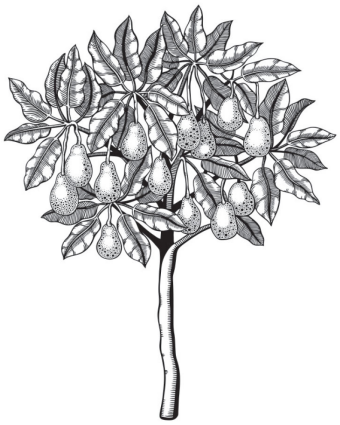
5. State the meaning of the term **silting**.

.....

6. Mention any **one** characteristic that makes loam soil best for growing on crops.

.....

The diagram below shows a component of the environment. Study and use it to answer the questions 7 and 8.



7. State **one** way in which the above plant is propagated.

.....

8. Apart from the above plant, name **one** other plant propagated as the above.

.....

9. Name the component of the environment used to make ceramics.

.....

10. State any **one** way through which mulching helps to improve soil fertilty.

.....

11. Mention **one** cause of fainting in human.

.....

12. Write any **one** factor that lead to spread of sickness in our community.

.....

13. Name any **one** source of energy in the environment.

.....

The diagram below shows a school child who poured porridge on his skin. Study and use it to answer the questions 14 and 15.



14. Name the form of accident that the boy got.

.....

15. Give a reason why the affected part should be placed in clean cold water..

.....

16. Name the force that opposes motion between rough surfaces.

.....

17. Identify the element of weather that helps to in the formation of vitamin D.

.....

18. State **one** way in which people take care for a rabbit hutch at home.

.....

19. Mention any **one** way in which poor water supply affect the health of people in our community.

.....

20. Give any **one** advantage of keeping harvested crops in a granary.

.....

21. State **one** lifeskill that restrict youths from anti-social behaviours in our areas.

.....

22. Name any one effect of having much wax in the human ear.

.....

23. Apart from insufficient iron in the body, name one other cause of anaemia.

.....

24. Give a reason why people split their firewood into small pieces.

.....

25. State the importance of perches in a poultry house.

.....

26. Identify **one** way in which ball bearings help to reduce friction in moving parts of a machine.

.....

27. Mention any one advantage of practicing thinning in the garden.

.....

28. James was mingling maize flour and accidentally a cockroach fell into it. Then after sometime, he found out that the cockroach had died. State the reason why.

.....

29. Mention any **one** way of managing drought in the environment.

.....

30. Give a reason why absorption of food doesnot takeplace in the colon.

.....

Study the diagram below and use it to answer the questions 31 and 32.



31. Name the item shown above.

.....

32. State **one** way in which the above item is important to doctors.

.....

33. Name the type of soil erosion that occurs in areas where there is scanty vegetation.

.....

34. Give the difference in function between the roothairs and root cap of root system

.....

35. Identify the metallic material of the filament in a bulb that prevents it from melting easily.

.....

36. Apart from dysentery and typhoid, name one other disease that affects the body when the immune system decreases.

.....

37. Write down any one factor considered when sorting clothes.

.....

38. State any **one** way in which magnets are useful to doctors while performing their work.

.....

39. Mention any **one** mineral that helps in the provision of nitrogen for legumes to make proteins.

.....

40. Name the disorder of the skeleton that occurs when the femur leaves its position at the joint.

.....

SECTION B: 60MARKS

41. **The table shows methods of separation in list A and their different mixtures.**

A: Methods	B: mixtures
(a) Decantation	orange juice andseeds
(b) Evaporation	salt and water
(c)Winnowing	clean water from dirty water
(d) Filtration	rice and husks

Choose the correct mixture for the method of separation.

(i) decantation:.....

(i) evaporation:.....

(iii) winnowing:.....

(iv) filtration:.....

42.(a) Give **two** reasons why a dustbin should have a lid.

(i).....

(ii).....

(b) State the reason why a pit latrine should be constructed atleast 30meters away from the water source.

.....

(c) Identify **one** way in which latrines are important at home.

.....

43.(a) Write down any **one** example of climbing birds in the environment.

.....

(b) State any **two** characteristics of climbing birds.

(i).....

(ii).....

(c) Give **one** difference between birds and mammals.

.....

44.(a) Name any **one** example of harmful material on the soil.

.....

(b) Explain how excessive use of fertilizers promote food insecurity in our community.(2marks)

.....

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45.(a) Mention **two** vectors that feed on blood apart from anopheles mosquito.

(i).....

(ii).....

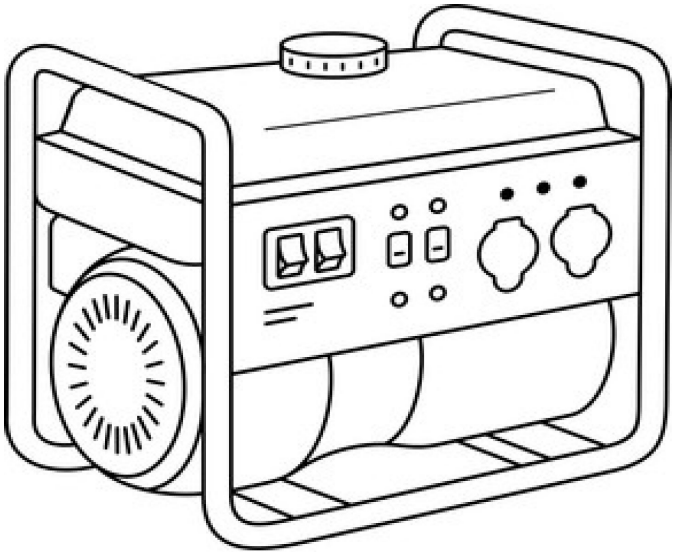
(b) Name the vector that lays its eggs in a raft.

.....

(c) State any **one** chemical method of controlling the spread of malaria in our community.

.....

46. **Study the diagram below and use it to answer the questions that follow.**



(a) State the energy change that occurs in the above item.

.....

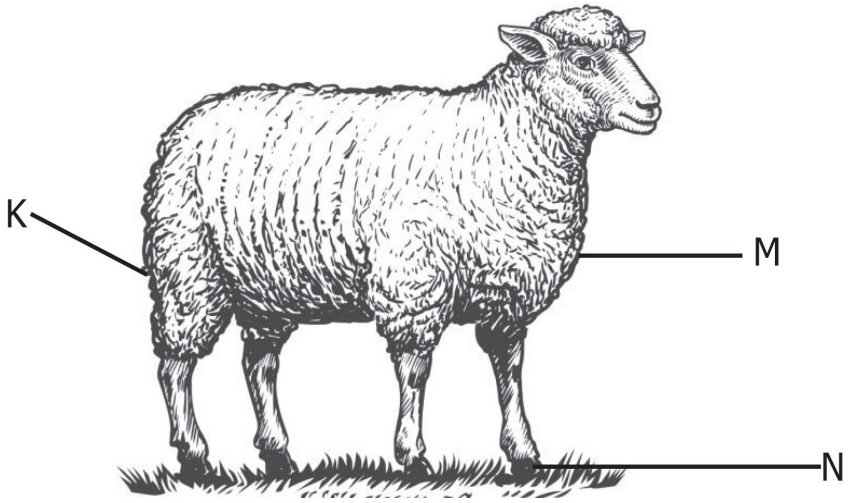
(b) Mention any **two** ways how the above item is made to produce more electricity.

.....

(c) Name any one fuel used in the above equipment.

.....

47. **The diagram below shows a domestic animal. Study and use it to answer the questions that follow.**



(b) Name the part of a sheep marked with letter **K** and **M**.

(i) **K**:.....

(i) **M**:.....

(b) State the importance of part labeled N to the above animal.

.....

(c) On the diagram above, label the part used for smelling with letter **P**.

48.(a) State the meaning of the term **drug description**.

.....

.....

(b) Write down any **two** characteristics of prescribed drugs.

(i) .....

(i) .....

(c) Mention any **one** effect of underdose to an individual.

.....

49. (a) Give **one** role of chlorophyll during photosynthesis.

.....

(b) State **two** factors that determine the rate of photosynthesis.

(i) .....

(i) .....

(c) Identify **one** way in which plants help to purify air in the environment.

.....

50. (a) Give any **two** reasons why smoking in publicis greatly discouraged in our community.

(i) .....

(i) .....

(b) State **two** ways in which tobacco smoking affects the family members at home.

(i) .....

(i) .....

51. (a) Apart from deep litter method, name any **one** other method of keeping poultry.

.....

(b) State any **one** disadvantage of keeping birds using deep litter method.

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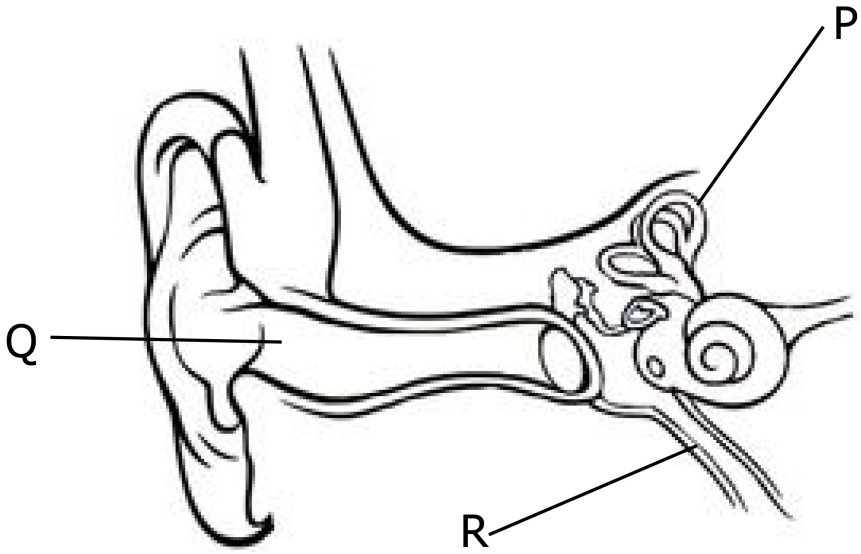
(c) Mention any **one** reason why people are advised to feed poultry properly.

.....

(d) Name the type of mash given to birds between 8 to 16 weeks.

.....

52. **The diagram below shows an external body organ. Study and use it to answer the questions that follow.**



(a) Name the part marked with letter **P**.

.....

(b) State **one** way in which part marked with letter **Q** and **R** contribute to hearing.

(i) Q:.....

(ii) R:.....

(c) Write down any **one** disorder of the human ear.

.....

53.(a) State the importance of the following in promoting personal hygiene.

(i) cotton swabs:

.....

(ii) nail clippers:

.....

(b) Give any **two** messages that can be displayed in order to improve the cleanliness of children at school.

(i) .....

(i) .....

54. Below are steps to show that heat travels through condiction. Re-arrange the sentences in correct order.

(a) Observe wax falling from the iron nail.

(b) Heat the end of the iron nail in the candle.

(c) Clamp one end of the iron nail.

(d) Attach pieces of wax at equal intervals.

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55.(a) Name the process in human reproduction that occurs in the:

(i) Ovary:

.....

(ii) Uterus:

.....

(b) Explain how defilement leads to teenage pregnancy in adolescent girls.(2mk)

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