



RAPHA EXAMINATIONS BOARD

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PRIMARY SEVEN WEEKLY EXAMINATIONS 2024

(SET 13)

SCIENCE

Time allowed: 2 hours 15 minutes

INDEX NO.

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CANDIDATE'S NAME:

CANDIDATE'S SIGNATURE: DATE

SCHOOL'S EMIS NO:

DISTRICT NAME:

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections **A** and **B**
2. All the working in both sections **A** and **B** should be shown in the spaces provided
3. All working must be done using a blue or black ball point pen or fountain pen.
Diagrams **MUST** be drawn in pencil
4. Unnecessary changes of work may lead to loss of marks
5. Any handwriting that cannot be easily read may lead to loss of marks
6. Do not fill in anything in area indicated for *examiners use only* and those inside the paper

For examiner's use only

SECTION	MARKS
SECTION A	
SECTION B	
TOTAL	

Section A (40 Marks)

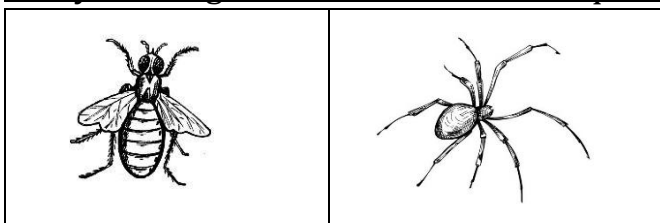
1. Name the common accident caused by hot plate.

2. Which type of chicken is kept for both meat and eggs production?

3. Why palms of the hands and soles of the feet are contain thicker layer of the skin?

4. Give a reason why oxygen is not packed in bottled drinks like beers.

Study the diagram below and answer questions 5 and 6.



5. To which group of animals would you group above living organisms?

6. How is a houseful different from a spider in terms of breathing?

7. In which way do trees contribute to the rain cycle?

8. Give the main reason for keeping dairy cattle at home.

9. What property of light enables a human eye to work?

10. Name the gas used by aerobic bacteria for respiration.

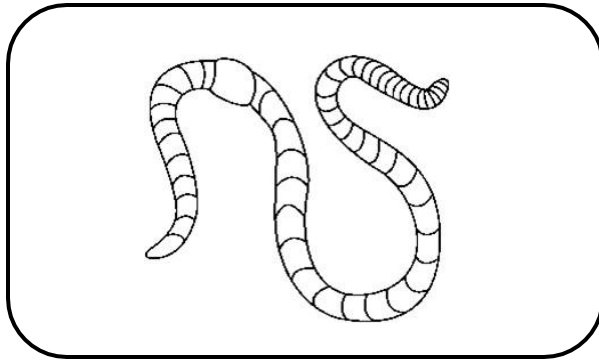
11. How can the pitch of a drum be varied?

12. State the difference between a vampire bat and an echidna in terms of reproduction.

13. Name the type of immunity acquired by injecting BCG vaccine into the body.

14. Give one reason for boiling drinking water.

Study the diagram below and use it to answer questions 15 and 16.



15. Which type of skeleton is possessed by the living organism?

16. Give one importance of living organism shown in the diagram above to the soil.

17. Give any one danger of excessive vomiting to the body.

18. Name the type of smoking where a person inhales tobacco smoke directly from the burning cigarette.

19. Give one importance of friction to a pupil doing exams.

20. Why are builders advised to include carbohydrates in their diet?

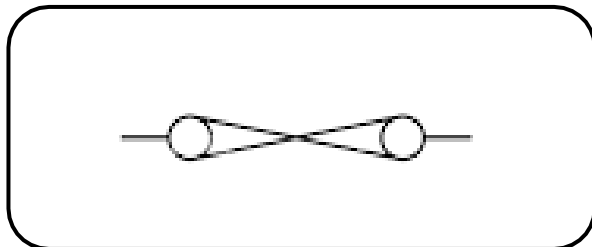
21. Name the body organ responsible for filtering blood from the body.

22. Which animal product supports crop growth in the environment?

23. Mention one importance of having fish ponds around the compound.

24. How do goats multiply in number in the environment?

25. Identify the component of electricity shown in the diagram below.



26. Give the importance of above component of electricity.

27. Name the part of the reproductive system where implantation takes place.

28. To what type of change does moulting of insects belong?

29. Give one item made from banana fibres.

30. Name the basic need standard units for measuring mass.

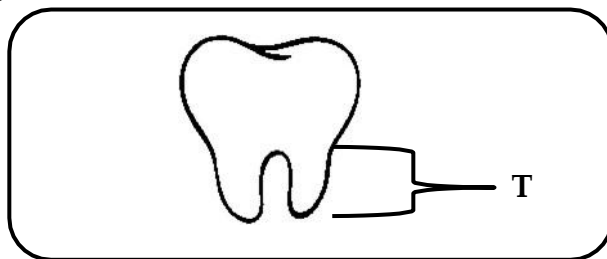
31. Why are birds kept under free range system able to feed on a balanced diet?

32. Name the growing tip of the root system of a plant.

33. Apart from water, mention one other example of a non-living resource in the environment.

34. Which body organ rolls food into bolus during digestion?

The diagram below is of a tooth. Use it to answer questions 35 and 36.



35. Name the region of the tooth marked T.

36. Mention the set of teeth replaced by permanent in the mouth.

37. Why is it dangerous to play with sharp cutting objects?

38. By what process is energy given out as a main product?

39. Give one advantage of breast feeding to a mother?

40. Name the type of family where we find mother, father and their biological children.

Section B (60 Marks)

41. (a) What do we call the practice of growing crops, trees and rearing of animals on the same piece of land?

(b) How do crops benefit from trees when grown in the same piece of land?

(i)

(ii)

(c) In which one way do passion fruit plants climb others?

42. (a) What do we call the good health practice done in schools to promote proper personal hygiene among children?

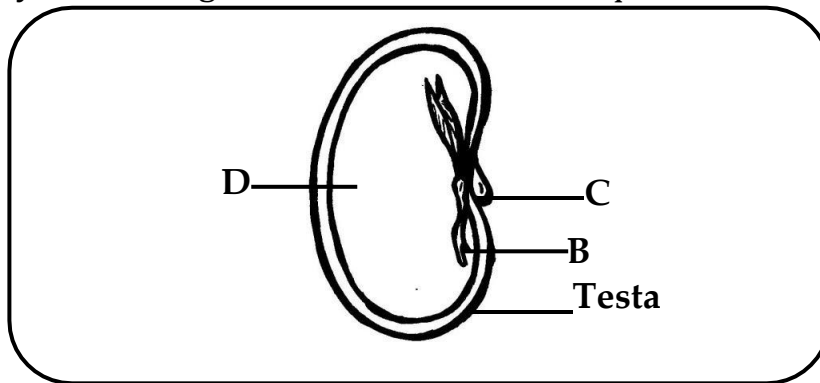
(b) State any two activities done at schools during above good health practice

(i)

(ii)

(c) How does the cutting of long finger nails short prevent germs?

43. Study the maize grain and use it to answer questions that follow.



(a) Name the part marked B from the diagram above.

(b) Which part of a bean seed has a similar function as the endosperm of a maize grain.

(c) With the help of an arrow and letter N, show the part of a bean seed that grows into shoot system.

(d) Which type of germination does a bean seed undergoes?

44. (a) Name the type of machines made of many parts and need training to be used.

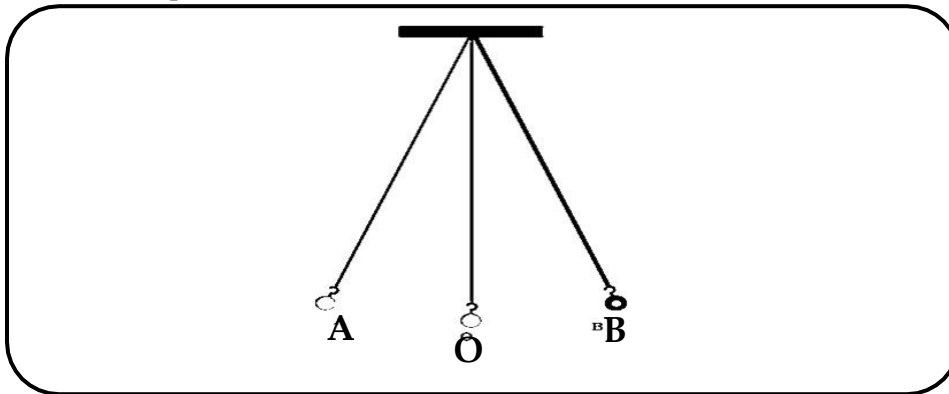
(b) A man weighs 60kgt. He sits 3 metres from the fulcrum of the see saw.
How far from the fulcrum will the boy whose weight is 30kgt sit in order to balance the man?

45. (a) Give two reasons for washing clothes at home.
(i) _____
(ii) _____
(b) Give two health problem associated by not brushing teeth.
(i) _____
(ii) _____
46. (a) Which part of the body is affected by;
(i) conjunctivitis _____
(ii) Leprosy _____
(b) Name the immunisable diseases prevented by eating clean food.

(c) Give one way of caring for the human skin.



47. The diagram below shows the energy possessed by a pendulum bob. Use it to answer questions that follow.



- (a) Name the form of energy possessed by the pendulum bob shown in the diagram above.

- (b) Identify the type of energy possessed by the pendulum bob at;
(i) A _____ (ii) O _____

(c) Mention any one factor that affects the type of energy possessed by the pendulum bob at O.

48. (a) Mention any two ways of controlling communicable diseases without going to the hospital in the community.

(i) _____

(ii) _____

(b) Give one example of the following communicable diseases in the community.

(i) water contact disease.

(ii) water - habitat vector disease.

49. (a) Mention any two methods of obtaining clean water for washing.

(i) _____ (ii) _____

(b) Give any two ways of preventing water contamination in the community.

(i) _____

(ii) _____



50. Match the following terms to their meaning.

<u>Term</u>	<u>meaning</u>
(i) Docking	Is the removal of testis from the male animal.
(ii) steaming up	Is the practice of cutting short the sheep's tail
(iii) weaning	Is the feeding of a goat on special feeds in order for it to get energy for kidding.
(iv) castration	Is the introduction of kids to other foods in addition to breast milk.
(i) Docking	_____

(ii) steaming up	_____

(iii) weaning	_____

(iv) castration	_____

51. (a) Mention any two groups of crops in the environment.

(i) _____ (ii) _____

(b) Give any two ways of caring for crops in the garden.

(i) _____

(ii) _____

52. (a) State one secondary sex characteristic in the following.

(i) Boys

(ii) Girls



(b) Write down any two PIASCY messages that help to control the spread of HIV and AIDs in young people.

(i) _____

(ii) _____

53. (a) Name the form of energy that enables plants to make their food at day time.

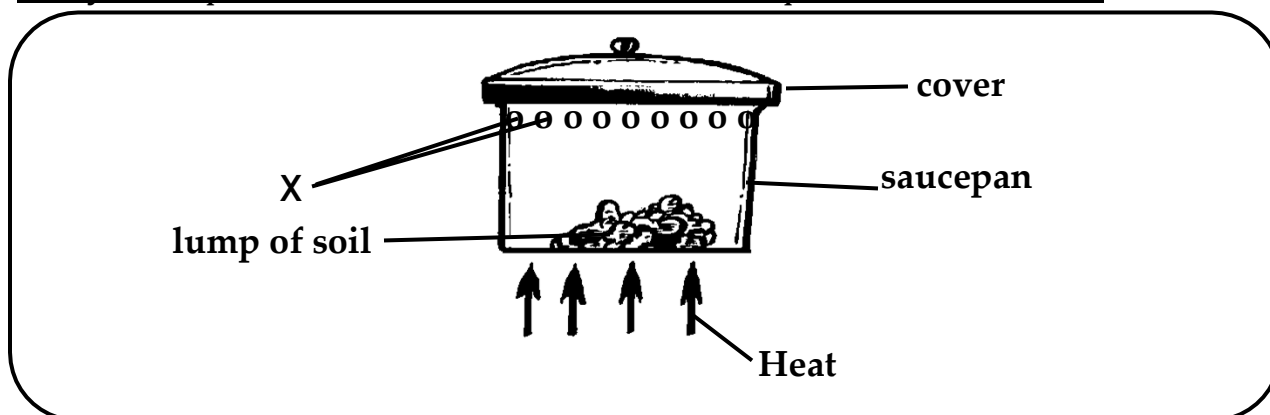
(b) Why are children advised to sun bathe using the morning sunshine?

(c) Give any two importance of light as form of energy.

(i) _____

(ii) _____

54. Study the experiment below and use it to answer questions that follow.



(a) What does the above experiment prove about soil?



(b) Name the part marked X from the diagram above.

(c) Mention the two living components of soil.

(i) _____ (ii) _____

55. (a) Mention the two types of alcohol made by people.

(i) _____ (ii) _____

(b) Give two ways how school going children avoid alcoholism.

(i) _____

(ii) _____