



RAPHA EXAMINATIONS BOARD

e-mail: raphaexaminationsboard@gmail.com

contacts: 0778710993/0740540111

PRIMARY FIVE EXAMINATIONS 2024 (SET 8)

SCIENCE

Time allowed: 2 hours 15 minutes

Pupil's name:

Signature: **Date**

School name:

District:

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 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 indicated for *examiners use only* and those inside the paper

For examiner's use only

SECTION	MARKS	INITIALS
SECTION A		
SECTION B		
TOTAL		

Section A (40 Marks)

1. Name the type of bees that lay eggs in a hive.

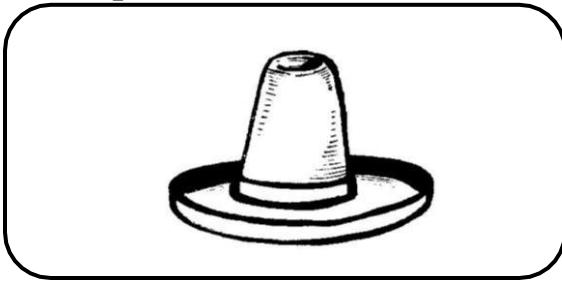
2. Where do root tubers store their own food?

3. How is a wind vane important to a crop farmer?

4. Why is loam soil the best for growing crops?

5. What name is given to larva stage of a bee?

The diagram below is of an equipment used in keeping poultry. Use it to answer questions 6 and 7



6. Name the poultry equipment shown in the diagram above.

7. How is the above equipment useful to a poultry farmer?

8. State any one effect of motor accidents to people.

9. In which one way can we prevent ringworm infection?

10. Name one method of harvesting tuber crops.

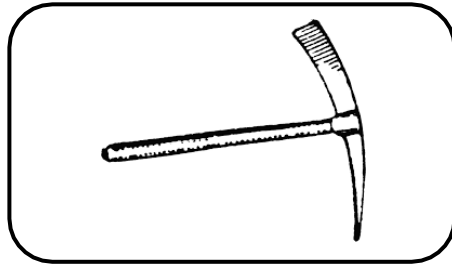
11. Give the use of a *smoker* during harvesting of honey.

12. Name the natural change that leads to landslides?

13. Which term is used to describe *a meal with all food values in the right amount*?

14. Why should cassava slices be dried before storage?

The diagram below shows a garden tool. Use it to answer question 15 and 16.



15. Name the garden tool shown in the diagram above.

16. Give the use of the garden tool named in “15” above to a farmer.

17. What is the incubation period of a duck?

18. How are *spiracles* important to an insect?

19. Apart from dug out log, mention one other example of a traditional bee hive.

20. How are turnips propagated?

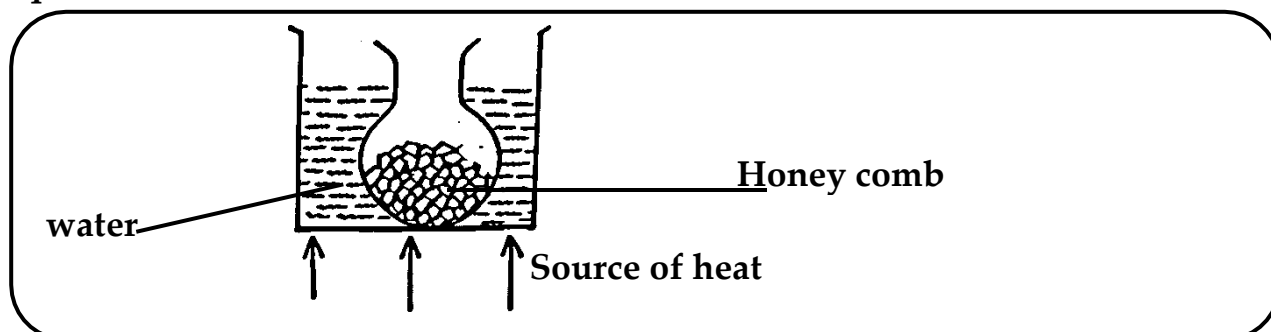
21. Name the **main natural source of water in the environment**.

22. Give any one advantage of cross breeding poultry.

23. Which name is given to **muscles that separate the right and left side of the heart**?

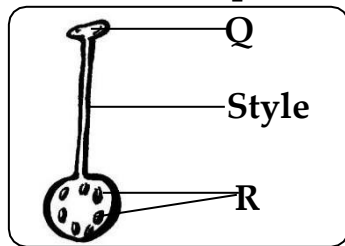
24. Mention the component of air with the least percentage in the atmosphere.
PTO
25. In which one way does a cactus plant reduce transpiration in the environment?

The diagram below shows a method of extracting honey. Use it to answer questions 26 and 27.



26. Which method of extracting honey is shown in the diagram above?
27. Apart from the method in the diagram above, mention one other method of extracting honey.
28. Name any one component of a home that needs to be kept clean.
29. State any one way of controlling parasites in rabbits.
30. Name the cassava disease spread by a whitefly.
31. Which type of poultry *record* shows the number of birds on a farm?
32. How is recycling of resources important in the environment?
33. How do tapeworms enter into our body?
34. What is meant by the term *poultry vices*?

The diagram below is of a part of a flower, use it to answer question 35 and 36.



35. Name part marked Q on the diagram above.

36. What does part marked R develop into after fertilization?

37. Mention one example of a stem tuber.

38. Why does a worker bee die after stinging the enemy?

39. Name the personal hygiene item used for rinsing clothes before wringing.

40. How are rat guards important on a granary?

Section B (60 Marks).

41. (a) Give any two characteristics of worker bees in hive.

(i) _____

(ii) _____

(b) State any two duties of a worker bee.

(i) _____

(ii) _____

42. The table below shows vectors and the diseases they spread. Study and complete it correctly.

Disease vector	Disease.
(a) Culex mosquito	_____
(b) _____	Cholera
(c) Ticks	_____
(d) _____	River blindness.

43. (a) Mention any two science oriented clubs.

(i) _____ (ii) _____

(b) Give any two roles of the young farmers club.

(i) _____

(ii) _____

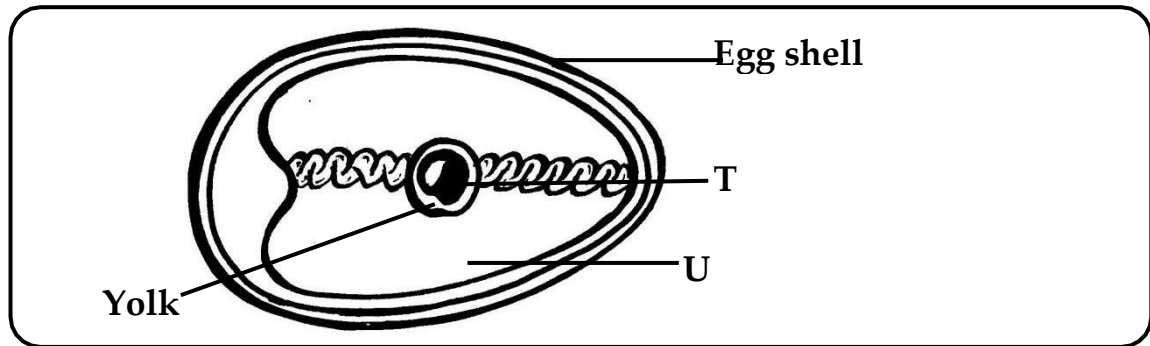
44. (a) What is meant by the term *fuel*?

(b) Which **two** forms of energy are produced by burning fuel?

(i) _____ (ii) _____

(c) Mention any **one** example of petroleum fuel.

45. The diagram below is of a fowl product. Use it to answer the questions that follow.



(a) Name parts labelled T and U.

(i) T _____

(ii) U _____

(b) State the function of the egg shell on an egg.

(c) Name the mineral salt that strengthens the egg shell.

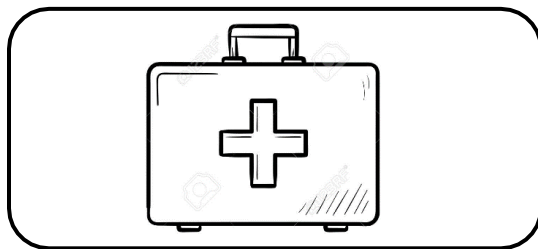
46. (a) Why is cassava regarded as a root tuber?

(b) Mention any **two** examples of root crop pests.

(i) _____ (ii) _____

(c) Give any **one** effect of pests to crops.

47. The diagram below is of a first aid box. Use it to answer questions that follow.



(a) Mention any **two** items kept in the diagram above.

(i) _____

(ii) _____

(b) Why is the above tool;

(i) Having a cross

(ii) painted with bright colours

48. (a) Write HIV in full.

(b) Give **one** way how common diseases are spread.

(c) Give **two** ways of preventing common diseases in the community.

(i)

(ii)

49. (a) Mention **two** parts of a domestic bird.

(i)

(ii)

(b) Mention **two** products got from poultry.

(i)

(ii)

50. Study the table below and use it to answer questions that follow.

Date	Crop planted	Date of weeding	Date of manuring	Date of harvesting
2 / 2 / 22	Maize	2 / 3 / 22	4 / 4 / 22	28/ 5 / 22

(a) In which date did the farmer plant his crops?

(b) Mention **two** crops growing practices carried out during planting of maize.

(i)

(ii)

(c) What name is given to *the practice illustrated in the table*?

51.51. Match the following types of birds to their feeds.

Type of bird	Feeds
Chicks	Growers' mash
Growers	Chick mash.
Broilers	Layers mash.
Layers	Broilers mash.
(i) Chicks	
(ii) Growers	
(iii) Broilers	
(iv) Layers	

52. Mention **two** examples of;

P T O

(i) energy giving foods

(i)

(ii)

(ii) body building foods.

(i) _____ (ii) _____

53. (a) What do we call *things which have life*?

(b) State **two** characteristics of things named in (a) above.

(i) _____

(ii) _____

(c) Where do fish live?

54. (a) Write down any **two** rabbit diseases.

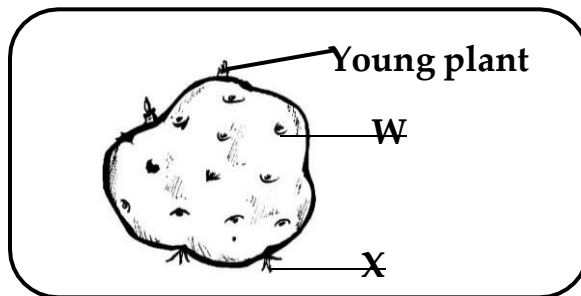
(i) _____ (ii) _____

(b) Give **two** ways of preventing rabbit diseases.

(i) _____

(ii) _____

55. The diagram below is a tuber crop. Use it to answer questions that follow.



(a) Name the parts marked W and X from the diagram above.

(i) W _____ (ii) X _____

(b) How is the above tuber propagated?

(c) Which food value do we get from the tuber crop above?
