



RAPHA EXAMINATIONS BOARD

e-mail: raphaexaminationsboard@gmail.com

contacts: 0778710993/0740540111

PRIMARY FIVE EXAMINATIONS 2024 (SET 13)

INTEGRATED 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. Suggest **one** way of controlling malaria in a home.

2. Give a reason why animals move from one place to another.

3. Name **one** example of a root crop.

4. Mention any **one** method of preserving food.

5. Name the gas which is used by man for breathing.

6. Give **one** example of an annual crop.

7. Why do we wash our hands after visiting the latrine?

8. On which body part of an insect are legs and wings attached?

9. State any **one** activity done to promote personal hygiene.

10. Give any **one** reason why crop farmers mulch their gardens.

11. Where does a female anopheles mosquito lay its eggs?

12. Mention one way of caring for our bodies.

13. Which type of root system do mango plants have?

14. Which part of the body do animals use for hearing?

15. What causes marasmus in young children?

16. Name the garden tool crop farmers use for transplanting seedlings.

17. Write down one type of leaves.

18. Name any one place where germs can be found.

19. Give one reason why we give first aid.

20. State any one example of a disease spread by houseflies.

21. Give any one raw material plants use to carryout photosynthesis.

22. Give any one source of protein nutrients in the diet.

23. Mention one way of improving the fertility of the soil.

P T O

24. State any one danger of too much rainfall to the environment.

25. Which part of a maize grain supplies food to the growing embryo?

26. Name the instrument health workers use to measure the body temperatures of the patients.

27. State one importance of food in our bodies.

28. How is *wind* different from *air*?

29. Mention any one reason why farmers keep farm records.

30. Why are splints tied around the broken bone of a person's limb?

31. Which type of family is composed of parents, children and relatives?

32. Name one disease which involves the passing out of watery stool.

33. Give any one component of the environment.

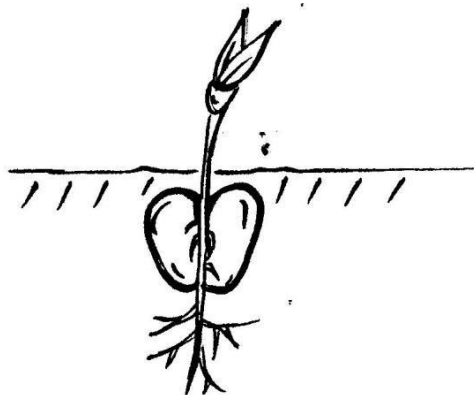
34. Give one example of a domestic bird.

35. Why do people put ventilators on their houses?

36. Name any one type of teeth.

37. Mention one example of a pet animal kept in our homes.

Below is a diagram of seed germination. Use it to answer question 38.



38. Name the type of seed germination shown in the diagram above.

39. Which property of air enables you to drink soda using a straw?

40. How do non- flowering plants reproduce?

SECTION B. (60 MARKS)

P T O

41. (a) What is *pollination*?

(b) Write down any two agents of pollination.

(i) _____

(ii) _____

(c) Give any one type of pollination.

42. (a) What term is used to describe the condition of the atmosphere at a given period of time?

(b) Name the instrument used to measure the amount of rainfall.

(c) Write down any two types of weather.

(i) _____

(ii) _____

43. (a) What is *leaf venation*?



(b) Which type of leaf venation is shown in the diagram above?

(c) Name any **two** plants which have such leaf venation.

(i) _____

(ii) _____

44. (a) Which part of air do plants give out during photosynthesis?

(b) Why is carbondioxide gas used to put off fire?

(c) Mention any **two** properties of air.

(i) _____

(ii) _____

45. (a) Apart from panga and hoe, mention any **two** examples of garden tools.

(i) _____

(ii) _____

(b) Suggest **two** ways how we can care for our garden tools.

(i) _____

(ii) _____

46. Match the following in A with those in B.

A

Heart

Lungs

Kidney

Stomach

B

Filtering blood.

Stores food for few hours.

Pumping blood.

Gas exchange.

(i) **Heart** : _____

(ii) **Tongue** : _____

(iii) **Kidney** : _____

(iv) **Teeth** : _____

47. (a) What is *personal hygiene*?

(b) Mention any two things that can be used to keep the body clean.

(i) _____

(ii) _____

(c) How can P.5 pupils promote personal hygiene at school?

48. (a) Name any one source of food.

(b) Give any two examples of food nutrients needed by our bodies.

(i) _____

(ii) _____

(c) How can we prevent deficiency diseases?

49. (a) Mention two examples of crops pests.

(b) Suggest two ways of controlling crop pests in the garden.

(i) _____

(ii) _____

50. (a) Name the type of soil which has well balanced nutrients.

(b) State any two uses of soil to people.

(i) _____

(ii) _____

(c) Mention any one object that can be made out of soil.

51. (a) How are toilets and latrines useful in a home?

(b) Suggest two ways a P.5 pupil can promote the cleanliness of the classroom.

(i) _____

(ii) _____

(c) Mention any one material which can be used in cleaning a classroom.

52. (a) Give any two types of soil erosion.

(i) _____

(ii) _____

(iii) _____

(b) Mention any one agent of soil erosion.

(c) Give one way in which soil erosion can be controlled in hilly areas.

53. (a) Name the main natural source of water in the environment.

(b) Give two uses of water to people.

(i) _____

(ii) _____

(c) How can water be made safe for drinking?

54. (a) In which season of the year do crop farmers plant their seeds?

(b) Apart from planting, state any other two activities carried out by farmers on a crop farm.

(i) _____

(ii) _____

(c) How do crop farmers care for their crops during dry seasons?

55. The diagram below shows the life cycle of an insect, use it to answer questions that follow.

(a) Name the stages marked A and C.

(i) A _____ (ii) C _____

(b) Name the type of lifecycle shown in the diagram above.

(c) Mention any one insect which undergoes the life cycle above.

