



# BROAD EXAMINATIONS®

## P.4 INTEGRATED SCIENCE EXAMINATION TRIAL SET I TERM III 2024

Time allowed: 2 hours 15 minutes

Pupil's Name: .....

School Name: .....

District Name: .....

**Read the following instructions carefully:**

1. This paper is made up of two sections: A and B.
2. Section A has 40 questions (40 Marks)
3. Section B has 15 questions (60 Marks)
4. Answer ALL questions in both sections A and B.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only.

### FOR EXAMINERS' USE ONLY

PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

**Teacher's comment to the learner**

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.....  
.....

**Approved by:**

*[Signature]*

**Team Head Science Department**



SECTION .A. (40 MARKS)

1. Name any one common food people eat in your community.

\_\_\_\_\_

2. Mention any one example of useful insects.

\_\_\_\_\_

3. Give any one activity we do to promote sanitation at home.

\_\_\_\_\_

4. Name the sense organ for hearing.

\_\_\_\_\_

5. Why do some plants shed their leaves during the dry season?

\_\_\_\_\_

\_\_\_\_\_

6. Mention any one effect of accidents to an individual.

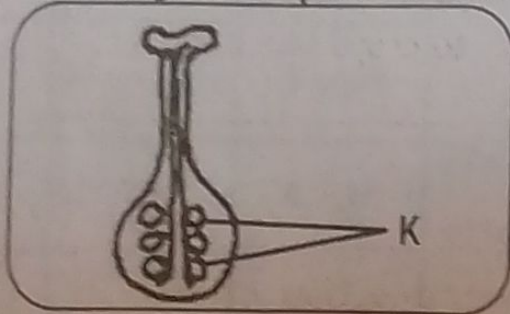
\_\_\_\_\_

\_\_\_\_\_

7. Give one bird which pollinates flowers.

\_\_\_\_\_

Use the diagram of part of a flower to answer questions 8 and 9.



8. Name part marked K.

\_\_\_\_\_

9. What will part marked K develop into after fertilization?

\_\_\_\_\_

10. Give one function of leaves to a cabbage plant.

\_\_\_\_\_

\_\_\_\_\_

11. Name the type of teeth used for cutting food.

\_\_\_\_\_

12. Why is transplanting of seedlings done in the evening?

\_\_\_\_\_

\_\_\_\_\_

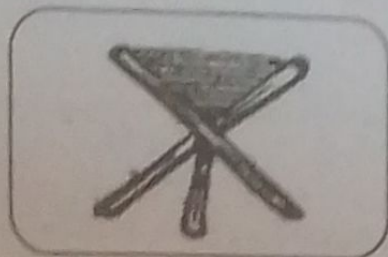


13. Write down any one example of PIASCY messages.

14. How best can deficiency diseases be prevented in a home?

15. Name the human body organ for filtering blood.

Use the diagram of an item made of local materials below to answer question 16.



16. Name one source of materials used to make the above item.

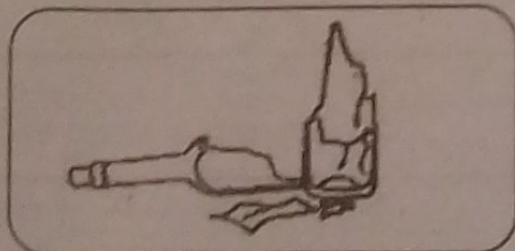
17. Why do we wash hands with soap before eating?

18. Give one way of controlling the spread of germs through the 4Fs germ path.

19. Mention the crop growing practice that provides support to crops like bananas.

20. Name the habitat for aquatic animals like fish.

Use the diagram of a dangerous object below to answer question 21.



21. Name the dangerous object shown above.

22. State the common sign for dysentery disease in humans.

23. Mention any one activity done to care for crops in the garden.

24. Mention the use of tendrils to a passion fruit plant.



25. Which part of a plant absorbs water and mineral salts from the soil?

26. Name the breathing organs for insects.

27. Why are bananas named among perennial crops?

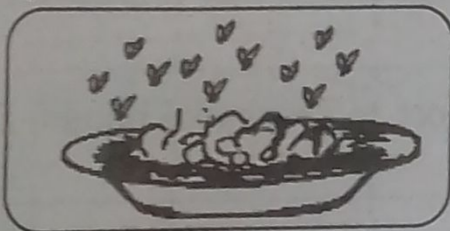
28. State the use of a dustbin in the classroom.

29. What name is given to young sheep?

30. Write down one method of preparing food at home.

31. State any one property of air.

The diagram below shows houseflies landing on uncovered food on a plate. Use it to answer question 32.



32. Name one disease a person who eats this food is likely to get.

33. Mention any one way of controlling weeds in the garden.

34. State one use of a broom at home.

35. Give one use of proteins in the body.

36. Write down one place where germs are commonly found.

37. Name the item used for cutting long fingernails short.

38. Name one sign of pest damages on a crop.



39. Why is it bad to open soda bottles using teeth?

40. Name any one example of domestic birds.

**SECTION .B. (60 MARKS)**

41. (a) List any two human body organs found in the chest.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Write down two ways of keeping human body organs in good working conditions.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

42. (a) How do the following animals move from one place to another?

(i) bats \_\_\_\_\_

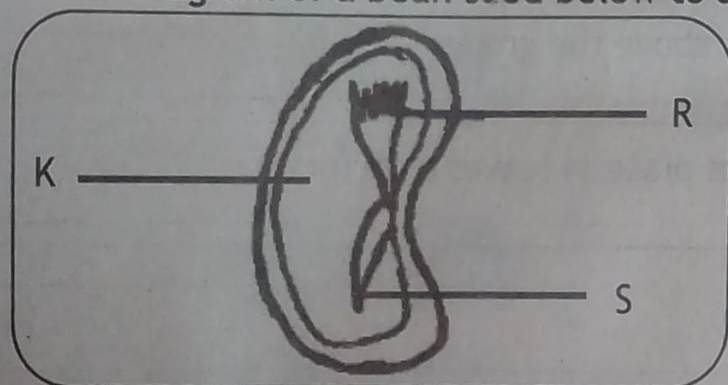
(ii) dogs \_\_\_\_\_

(b) Mention two reasons why animals move from one place to another.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

Use the diagram of a bean seed below to answer question 43.



43. (a) Name the parts marked;

(i) R \_\_\_\_\_

(ii) S \_\_\_\_\_

(b) How is part marked K important to a bean seed?

\_\_\_\_\_

\_\_\_\_\_

(c) State any one condition necessary for a seed to germinate.

\_\_\_\_\_

44. (a) Write two indicators of poor personal hygiene among schoolchildren.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_



(b) Give two ways of promoting personal hygiene among school children.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

45. (a) What is mulching?

(b) Mention two importance of mulching in crop growing.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Give any one example of materials used as mulches.

46. (a) State the importance of the following materials we make at home;

(i) mat

(ii) charcoal stove

(b) Mention two artificial materials we use to make crafts.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

47. (a) Name the system of a plant that grows above the ground.

(b) Name one important process that takes place in leaves of plants.

(c) Give any two uses of plants to people.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

48. (a) Write down any one way we can save electricity at home.

(b) Write any two items which use electricity at home.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Give one danger of electricity at home.



49. (a) What is food contamination?

(b) Give any two ways food gets contaminated in a home.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Mention any one local way of preserving food.

50. (a) Name two places where first aid boxes are found.

(i) \_\_\_\_\_

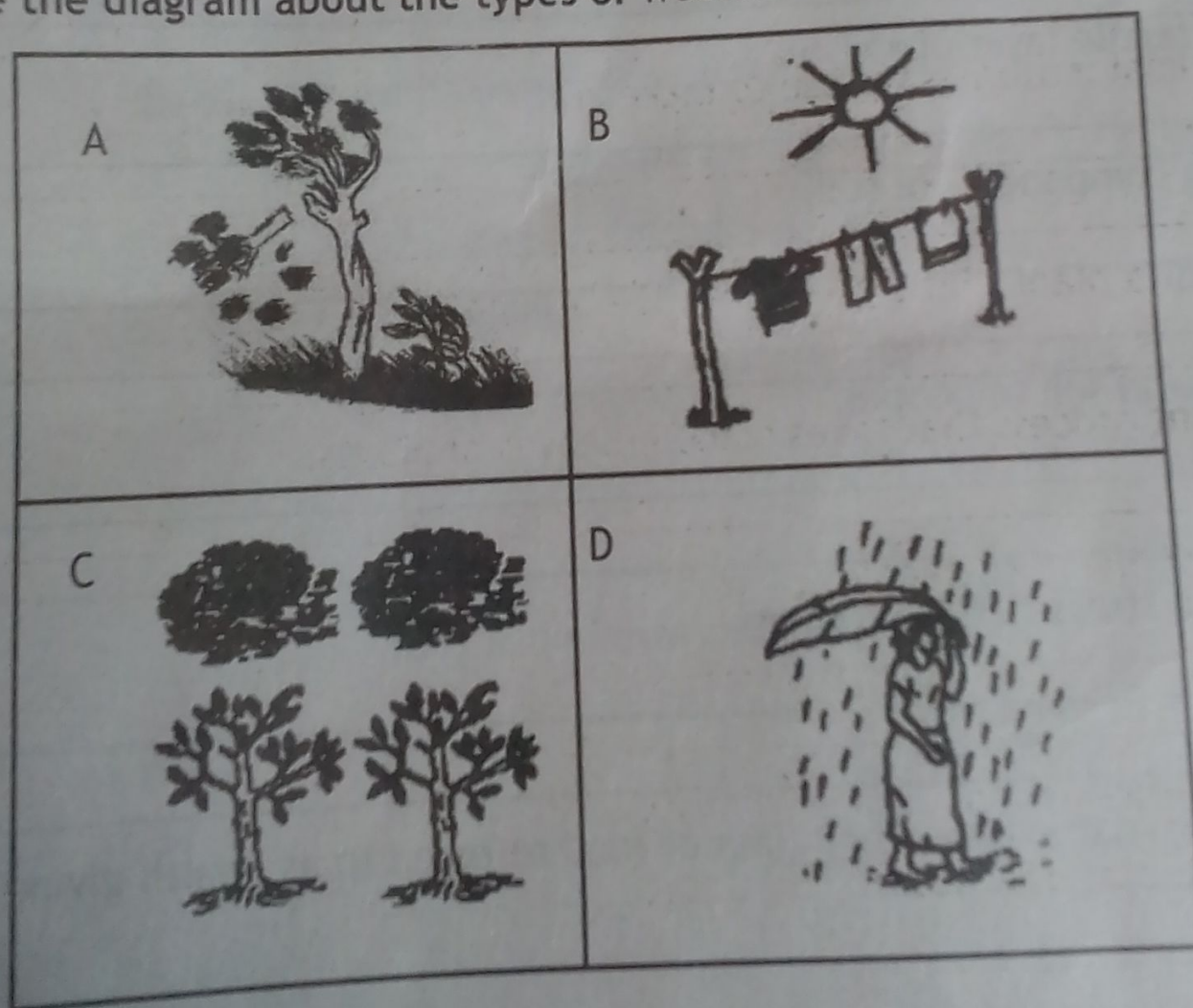
(ii) \_\_\_\_\_

(b) Name any two items kept in a first aid box.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

Use the diagram about the types of weather below to answer question 51.



51. Name the types of weather marked;

(i) A \_\_\_\_\_

(ii) B \_\_\_\_\_

(iii) C \_\_\_\_\_

(iv) D \_\_\_\_\_



52. (a) Name any one garden tool used to clear the bush during land preparation.

(b) List two ways of caring for garden tools.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) What happens when a farmer leaves his metallic garden tools outside at night?

53. (a) Name any two non-living things found in your environment.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Name the natural source of heat and light in the environment.

(c) Write down any one characteristic of living things.

54. (a) Name the most fertile layer of soil.

(b) Mention any two components of soil.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Give one use of sand soil to people.

55. (a) Give any two food stuffs rich in vitamins.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Apart from vitamins, name one other class of food referred to as health giving foods.

(c) State any one reason why people eat food.