



BROAD EXAMINATIONS®

P.4 INTEGRATED SCIENCE EXAMINATION

END OF TERM II 2023

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.

Teacher's comment to the learner

FOR EXAMINERS' USE ONLY		
PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Approved by:

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Name any one tool used in cleaning a house.

2. Which element of weather enables us to get water for drinking?

3. Give any one way how plants with weak stems climb plants with strong stems.

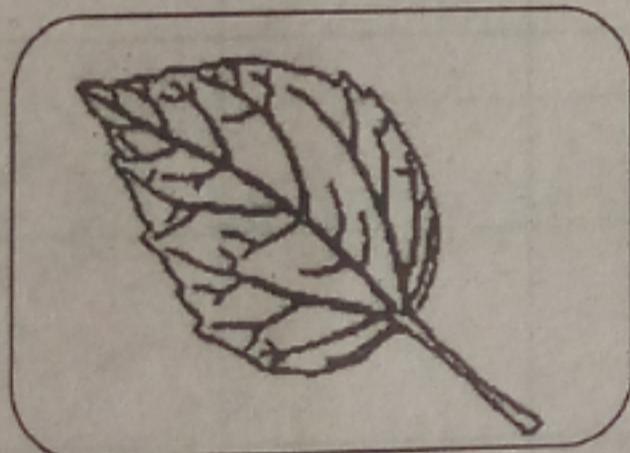
4. Give any one thing needed by plants to grow well.

5. Write down any one role of children in a family.

6. State any one way of caring for HIV/AIDS victims at home.

7. Write down any one container used in harvesting rain water.

The diagram below is of a plant leaf. Use it to answer question 8.



8. What type of venation does the above leaf have?

9. Give any one danger of heavy rainfall in the environment.

10. Name any one human body organ found in the chest.

11. Mention any one importance of domestic animals to people.

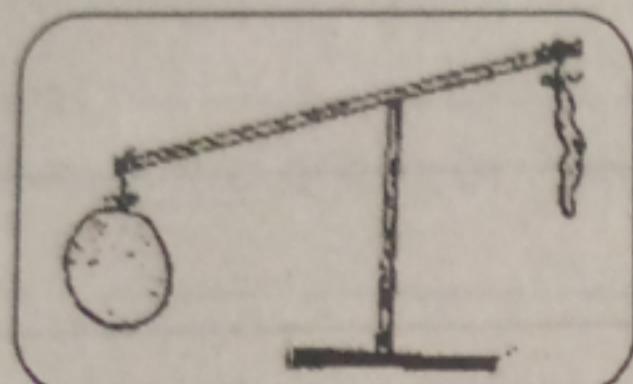
12. State any one cause of accidents on the way to and from school.

13. Name one mineral salt that helps in hardening of teeth and bones.

14. Name any one product got from birds.

15. State any one importance of weeds in the environment.

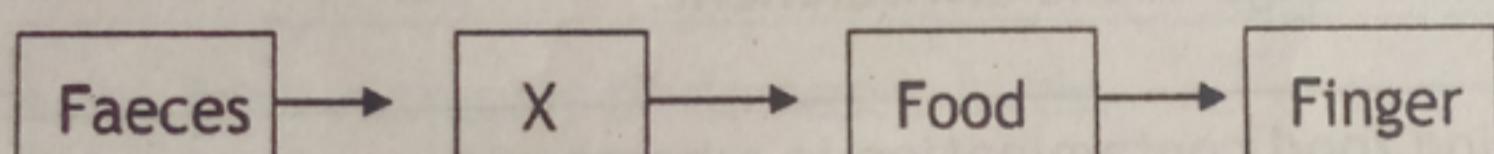
The diagram below shows the property of air. Use it to answer the question 16.



16. State the property of air shown above.

17. Give any one way of promoting personal hygiene.

Use the illustration of 4Fs disease path below to answer the question below it.



18. Name the 'F' that is represented by letter X.

19. Give any one insect that spreads diseases to people apart from house flies.

20. Name any one example of body building foods.

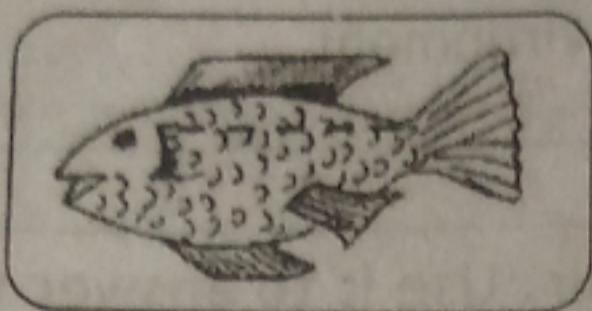
21. Mention any one way of keeping the classroom clean.

22. Give any one example of common diseases in your community.

23. What name is given to the weather instrument that tells how long the sun has shone in a day?

24. State any one use of electricity at home.

Use the diagram below to answer question 25.



25. Name the habitat for the animal shown above.

26. State the use of a cat at home.

27. State one danger of playing with sharp objects.

28. State one way of saving wood fuel when cooking.

29. Give any one characteristic of a spider.

30. Mention any one man made change in the environment.

31. State one way of preventing food contamination in a home.

32. Name the part of an insect that is used as a breathing organ.

33. Use the diagram of a tooth below to answer the question that follows.



Name the type of teeth in the diagram.

34. Give any one example of dicotyledonous plants.

35. Name any one wild animal that feeds on meat.

36. Give any one raw material of photosynthesis.

37. How are wasps harmful to people?

38. Name any one component of a first aid kit.

39. State the function of the nose on the human body.

40. Name any one agent of pollination.

SECTION .B. (60 Marks)

41. (a) Give any two types of weather.

(i) _____

(ii) _____

(b) Name the best season for harvesting mature crops.

(c) Write down any one danger brought about by weather changes in the environment.

42. (a) Give any two examples of domestic birds.

(i) _____

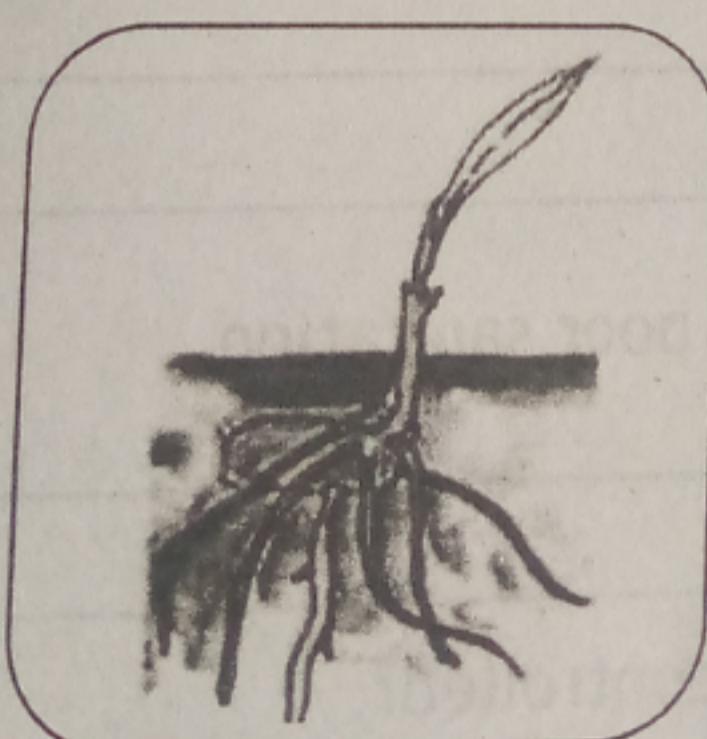
(ii) _____

(b) Mention any two ways of caring for domestic birds at home.

(i) _____

(ii) _____

43. The diagram below shows the type of germination. Use it to answer the questions that follow.



(a) Name the type of germination shown above.

(b) Mention two conditions that help a seed to germinate.

(i) _____

(ii) _____

(c) What name is given to the young plant?

44. (a) Suggest any one way how germs are dangerous to people.

(b) Name any two groups of germs.

(i) _____

(ii) _____

(c) Give any one way of preventing germs from entering the human body.

45. (a) Name any two examples of perennial crops.

(i) _____

(ii) _____

(b) Mention any two crop growing practices used to care for perennial crops.

(i) _____

(ii) _____

46. Match the body organs with their functions in the list below.

A

The lungs

for thinking

The heart

for breathing

The brain

for pumping blood to all body parts

The stomach

for storing food for a short time

(i) The lungs _____

(ii) The heart _____

(iii) The brain _____

(iv) The stomach _____

47. (a) List any two diseases which break out due to poor sanitation.

(i) _____

(ii) _____

(b) How can diseases you have named above be controlled?

(i) _____

(ii) _____

48. (a) Give one example of each of the following underground stems;

(i) bulbs _____

(ii) stem tubers _____

(b) What name is given to roots that develop on stems?

(c) Give any one use of a stem to man.

49. (a) Give any two disorders of human teeth.

(i) _____

(ii) _____

(b) Write down any two ways of caring for the teeth.

(i) _____

(ii) _____

50. Write down four classes of food.

(i) _____

(ii) _____

(iii) _____

(iv) _____

51. (a) How is transpiration important to plants?

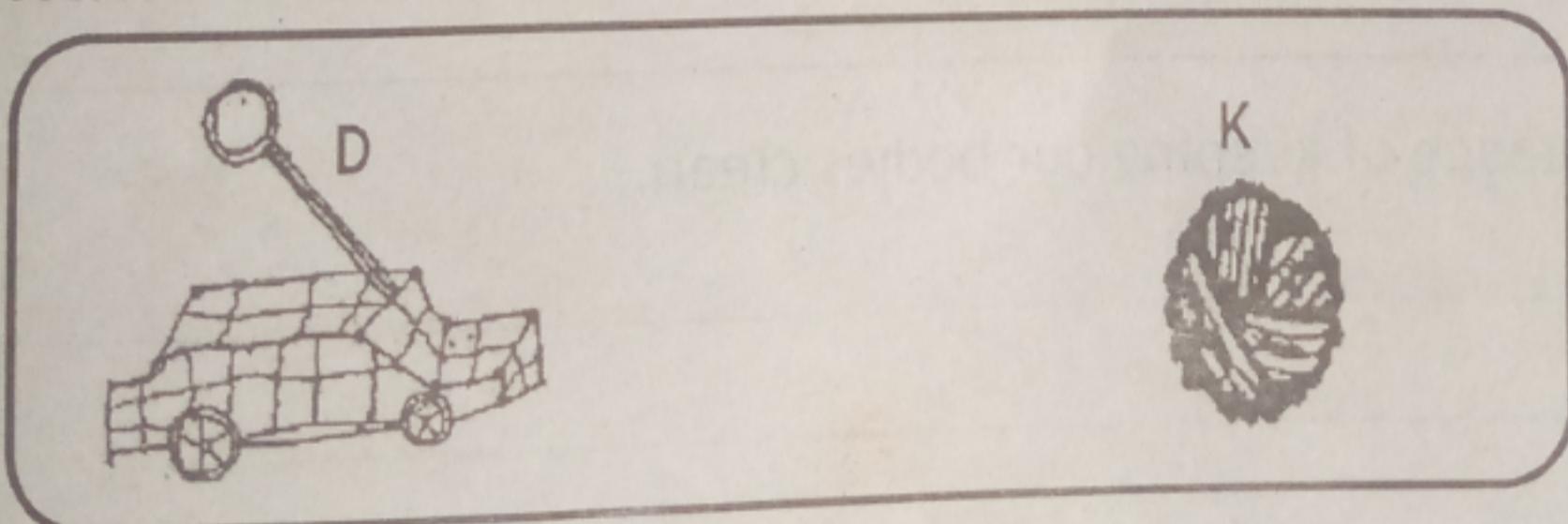
(b) What name is given to holes on leaves that allow transpiration to take place?

(c) State any two ways plants reduce the rate of transpiration.

(i) _____

(ii) _____

52. The diagrams below show objects children use for playing. Use them to answer questions that follow.



(a) Name objects marked;

(i) D _____

(ii) K _____

(b) Name the raw material used to make the play material K.

(c) Which play material is used by children when skipping?

53. (a) Name the garden tool farmers use to water crops.

(b) In which season do farmers water crops?

(c) Give any two sources of water we use to water crops.

(i) _____

(ii) _____

54. (a) Name any two traditional ways of preserving food.

(i) _____

(ii) _____

(b) Give any one reason for preserving food.

(c) Name any one pest which can damage stored crop produce.

55. (a) How are the following items important when promoting personal hygiene;

(i) soap?

(ii) sponge?

(b) Mention any two importance of keeping our bodies clean.

(i) _____

(ii) _____

END