

BROAD EXAMINATIONS®

P.5 INTEGRATED SCIENCE EXAMINATION

END OF TERM I 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

Approved by:

Agamalya

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Name the first part of the human alimentary canal.

2. Give one reason why poultry farmers in towns keep broilers.

3. In which one way are eyes useful to a P.5 pupil doing an exam?

4. State any one use of carbon dioxide in the environment.

The diagram below shows a leaf. Use it to answer questions 5 and 6.



5. Name the type of leaf venation shown in the diagram above.

6. Mention any one plant which has the type of leaf venation above.

7. Give the reason why rabbits are given salt to lick.

8. State any one way water is useful to a fish.

9. How is polio vaccine administered to infants?

10. Give one way propolis is useful to bees.

11. Mention any one way water sources can be protected in our communities.

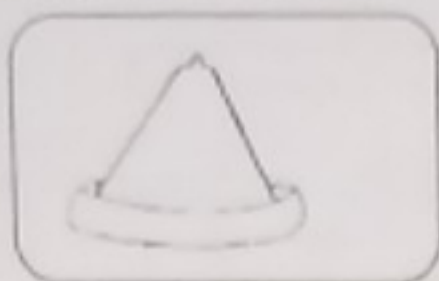
12. Name the intestinal worm that feeds on digested food.

13. In which way can cereal crop growers control bird pests in their gardens?

14. How are stomata useful to a plant?

15. State the importance of a rag in cleaning a house.

The diagram below shows an equipment found in a poultry house. Use it to answer questions 16 and 17.



16. Name the equipment shown above.

17. State any one way of preventing the above equipment from spreading diseases to poultry birds.

18. Write any one example of PIASCY messages found in the school compound.

19. Mention any one food stuff rich in carbohydrates.

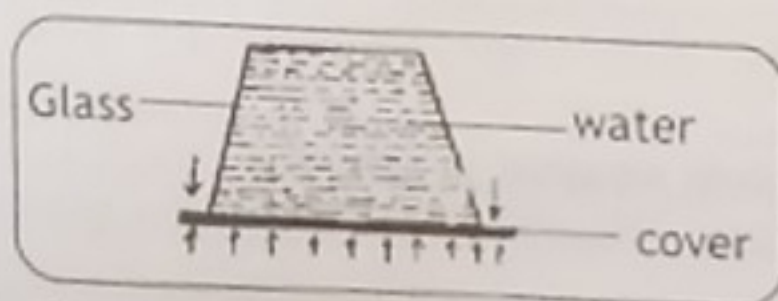
20. Give any one example of plants with a climbing stem.

21. State any one way banana plantations are useful in making play materials.

22. Write any one human body organ found in the head.

23. State one way of preventing diarrhoeal diseases in a community.

The diagram below shows a property of air. Use it to answer questions 24.



24. Identify the property of air shown in the diagram below.

25. How is a spring balance useful in measurement?

26. Mention any one way a dog alerts the owner in case of any danger.

27. Why is top soil said to be the most fertile layer of soil?

28. State the standard units for measuring mass.

29. Mention one danger of wild animals in the environment.

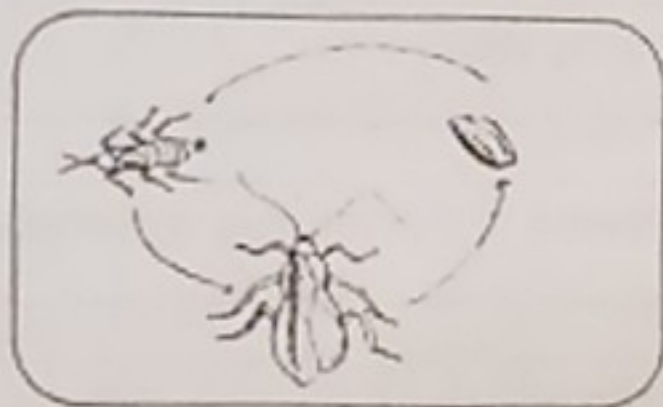
30. State one method of preserving food that involves the use of heat.

31. Give any one importance of clouds in the environment.

32. Give a reason why a rain gauge is placed in an open place.

33. State the poultry vice controlled by feeding birds on foods rich in calcium.

The diagram below shows the lifecycle of a cockroach. Use it to answer question 34.



34. Which type of lifecycle is shown above?

35. How is a razorblade useful in promoting proper personal hygiene?

36. Give any one agent of pollination.

37. State any one way schoolchildren can manage cold weather at school.

38. State a reason why DPT vaccine is referred to as a triple vaccine.

39. How is debeaking sometimes carried out on a poultry farm of layer birds?

40. Mention any one item found in the kitchen that is made out of clay.

SECTION .B. (60 MARKS)

41. (a) Mention any two examples of fuels used in cooking at home.

(i) _____

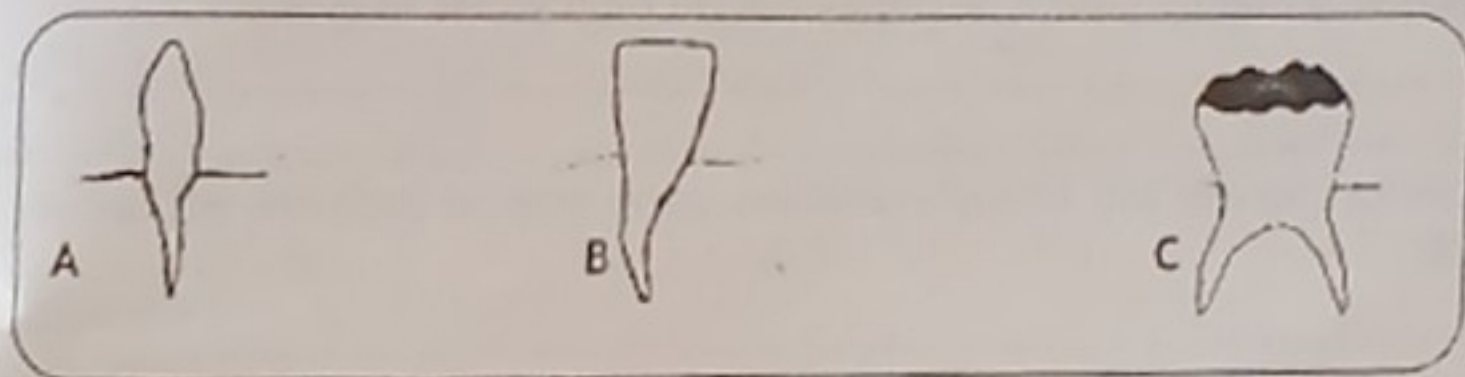
(ii) _____

(b) Suggest any two ways of using less fuel when cooking.

(i) _____

(ii) _____

The diagrams below show types of teeth. Use them to answer question 42.



42. (a) Name the tooth marked;

(i) A _____

(ii) C _____

(b) How is the tooth marked B adapted to its function?

(c) Name the tooth that develops first in human beings.

43. (a) What are social insects?

(b) Mention any two examples of social insects in the environment.

(i) _____

(ii) _____

(c) Write down any one characteristic of insects.

44. (a) State any two factors that affect the rate of transpiration.

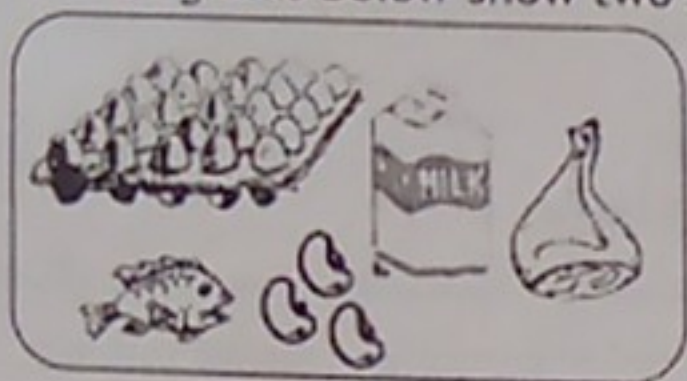
(i) _____

(ii) _____

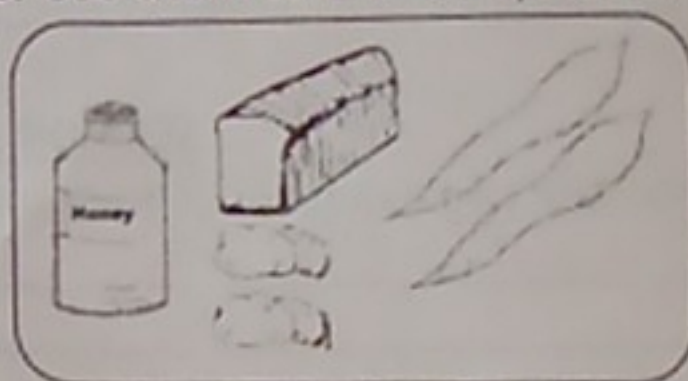
(b) In which one way are plants able to reduce the rate of transpiration in dry season?

(c) State any one effect of excessive transpiration to plants.

The diagrams below show two groups of food. Use them to answer question 45.



T



S

45. (a) Name the main food value obtained from food stuffs in group S.
- (b) State a reason why babies should be highly fed on food stuffs in group T.
- (c) Which deficiency disease will Abany's children suffer from if they are not fed on foods in group S?
- (d) Mention the food stuff in column T got from birds.

46. (a) What is weeding?

(b) Mention any two advantages of weeding the garden.

(i)

(ii)

(c) Give any one effect of weeds to crops in the garden.

47. (a) Give any two accidents that take place in the bush.

(i)

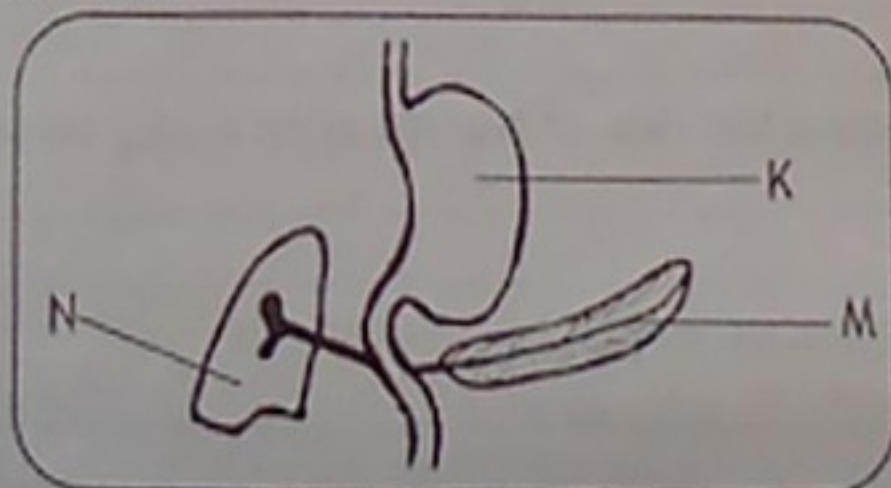
(ii)

(b) Give two reasons why people who get accidents should be given first aid.

(i)

(ii)

The diagram below shows part of an alimentary canal of man. Use it to answer question 48.



48. (a) Name the organ marked N.

(b) How is part N useful in the digestive system?

(c) Which digestive juice is produced in part marked K?

(d) Name any one enzyme found in digestive juice secreted by organ marked M.

49. (a) Mention any two diseases spread through 4Fs germ path.

(i) _____

(ii) _____

(b) Write the last "F" in the 4Fs germ path.

(c) State any activity done to control diseases spread through 4Fs germ path.

50. (a) Which domestic animal lives in a;

(i) byre? _____

(ii) sty? _____

(b) State a reason why the habitats of domestic animals should be kept clean and dry.

(c) Why should a rabbit hutch be raised from the ground?

The diagram below shows an injury. Use it to answer question 51.



51. (a) Name the injury shown above.

(b) Give any one practice that can lead to getting the injury above.

(c) How is a stretcher useful in giving first aid for the above injury?

(d) Apart from a stretcher, name one other material used in giving first aid for the above injury.

52. (a) What is immunity?

(b) State any two ways natural immunity can be acquired.

(i) _____

(ii) _____

(c) How do vaccines help to boost the immunity of the body?

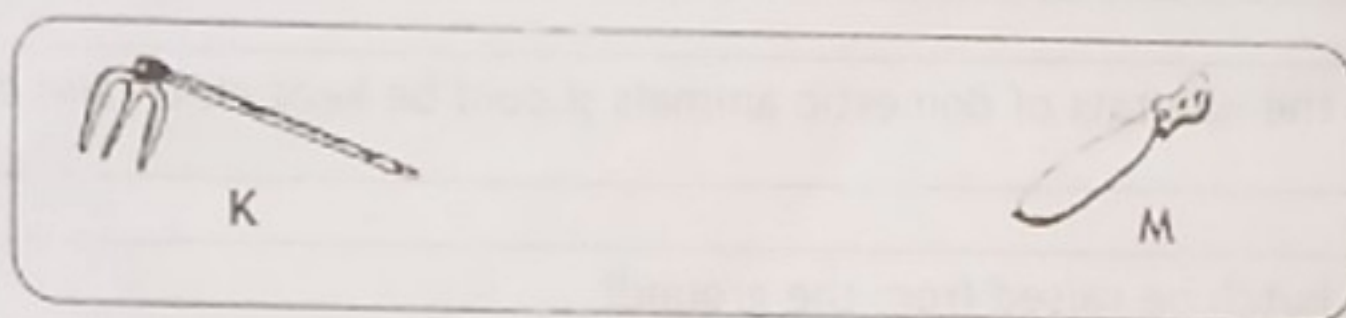
53. (a) Why can't most plants carry out photosynthesis at night?

(b) Give any one raw material needed in the process of photosynthesis.

(c) In which part of a plant does photosynthesis take place?

(d) Mention the part of air given out during photosynthesis.

Use the diagrams below and answer question 54.



54. (a) Name the garden tools marked;

(i) K _____

(ii) M _____

(b) How is the garden tool marked K useful to crop farmers?

(c) Mention one way of caring for the above garden tools.

55. (a) How are the following elements of a clean home useful;

(i) latrine? _____

(ii) plate rack? _____

(b) Mention any one advantage of having a clean home.

(c) Mention any one tool used in cleaning our homes.

END