



# BROAD EXAMINATIONS®

## P.5 INTEGRATED SCIENCE EXAMINATION TRIAL SET I TERM I - 2023

Time allowed: 2 hours 30 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 **20** questions (**40 Marks**)
3. Section B has **12** 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 Dept.**

**SECTION.A. (40 MARKS)**

1. Write down any one type of poultry.

2. Name the system of roots found in monocotyledonous plants.

3. Give a reason why mulching is important to a crop farmer?

4. State any one example of play materials made from banana fibres.

5. State any one role of a father in a home.

6. Mention the element of weather that enables a farmer to dry their harvested crops.

The diagram below is of a human body organ. Use it to answer questions 7 and 8.



7. Name the human body organ shown above.

8. How is the above human body organ important in our bodies?

9. Name the set of teeth that develops first in young children.

10. Give the importance of a sponge during the promotion of personal hygiene.

11. Mention any one component of soil.

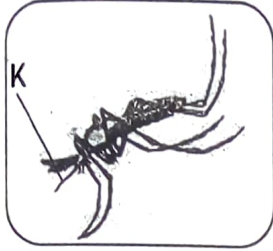
12. Suggest any one place from where people in your community get food.

13. How are natural changes dangerous in the environment?

14. Mention any one way of keeping our environment clean.

15. Suggest any one way hookworms are dangerous to a person.

The diagram below is of a disease vector. Use it to answer question 16.



16. Name the disease vector shown above.

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17. State the importance of part K to the above disease vector.

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18. Mention any one example of stem tubers.

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19. What is an accident?

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20. Name the component of air that helps a candle to keep burning.

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21. How is the caring for crops important to a crop farmer?

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22. Give any one source of proteins to people.

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23. What do we call the manufactured feeds of rabbits?

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24. State one way halteres are important to some insects like house flies.

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The diagram below is of a domestic animal. Use it to answer question 25.



25. How is the above animal important at home?

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26. Name any one place where accidents take place.

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27. In which one way is a mother helpful to other family members at home?

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28. Give one way houseflies are able to carry germs to our food.

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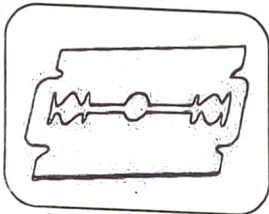


29. Name any one diarrhoeal disease spread through the 4Fs germ path.
30. State one way in which promoting sanitation is helpful in your community.

31. Write down any one PIASCY message.

32. Give any one vitamin related deficiency disease that affects the eyes.

The diagram below is of a tool used in promoting personal hygiene. Use it to answer question 33.



33. How is the above tool helpful in the promotion of personal hygiene?

34. Give the way an incisor tooth is adapted to carrying out its function.

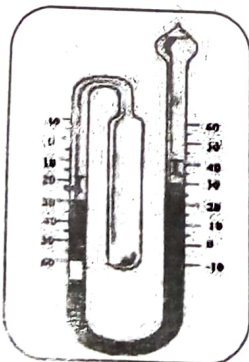
35. Mention any one example of an accident that takes place in the kitchen.

36. How is an eye as a body organ helpful to a pupil revising a science text book?

37. State any one way we can reduce electricity bills at home.

38. How can family members care for HIV/AIDS victims at home?

39. What name is given to the weather instrument below?

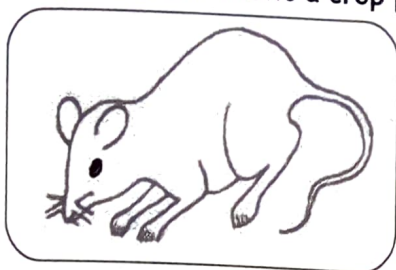


40. What name is given to the young one of a cow?

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**SECTION .B. (60 Marks)**

41. The diagram below shows a crop pest. Use it to answer questions that follow.



(a) What name is given to the above crop pest?

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(b) Give any one way of controlling the above pest in the garden.

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(c) Apart from the above pest, name any one other example of a crop pest that damages harvested crops in the store.

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(d) State any one example of crops destroyed by the above pest.

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42. (a) Mention any two exotic breeds of rabbits.

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

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

(b) Give the disease of rabbits that affects both poultry and man.

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(c) Mention any one reason why a hutch should be raised above the ground.

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43. (a) State any one reason why a Stevenson screen is painted white.

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(b) How is a rain gauge important at the weather station?

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(c) Name the type of clouds that is;

(i) farthest away from the earth's surface

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(ii) a good sign of rain

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44. (a) What name is given to a female bee in the hive?

(b) Name any one product got from bees wax.

(c) Which food value is got from eating honey?

(d) Suggest any one duty of a worker bee in the hive.

45. (a) Give any one way a fractured person can be made to keep the broken bone in one position.

(b) How are the following equipment useful to a first aider when giving first aid?

(i) bandage

(ii) cotton wool

(c) State any one quality of a good first aider.

46. (a) How are natural changes like floods dangerous in your environment?

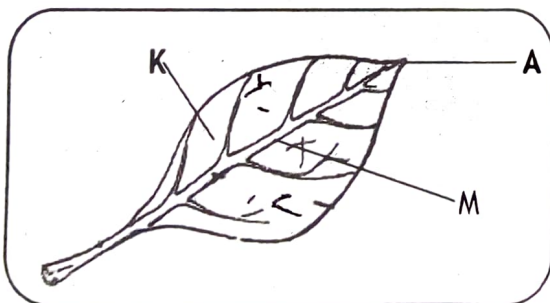
(b) State any two ways how people in your community can manage rainy weather.

(i)

(ii)

(c) Mention the natural change that leads to the death of animals due to lack of what to feed on.

Use the diagram of a plant leaf below to answer the questions below it.



47. (a) Name the parts marked;

(i) A

(ii) M

(b) Mention one plant process that occurs in the above part of plant.

(c) Give any one way of caring for crops in the garden.

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48. Match the food stuffs in list A with their food values in list B.

A	B
Cassava	Vitamin A
Beans	Vitamin C
Carrots	Proteins
Lemons	Carbohydrates

- (i) Cassava \_\_\_\_\_
- (ii) Beans \_\_\_\_\_
- (iii) Carrots \_\_\_\_\_
- (iv) Lemons \_\_\_\_\_

49. (a) Mention one way how teeth are important in our bodies.

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(b) State any two regions of a tooth.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(c) Apart from tooth decay, mention any other disease that affects the teeth.

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50. (a) Suggest one way how hookworms and tapeworms are different in terms of what they feed on.

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(b) Mention one way how we can prevent tapeworms from entering our bodies.

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(c) Name the worm that leads to the itching of the anus in children.

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(d) Why should we always put on shoes when walking?

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51. (a) Apart from an extended family, mention any other two types of families.

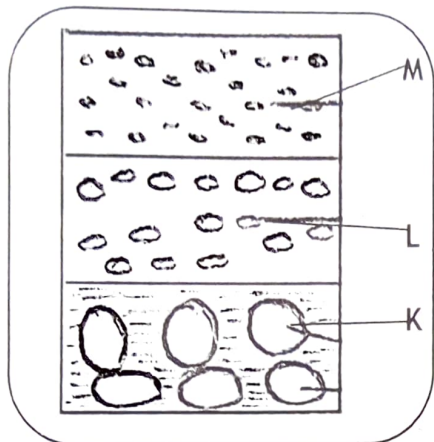
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(b) Name any two members found in an extended family.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_



52. The diagram below shows the vertical arrangement of soil layers. Use it to answer questions that follow.



(a) Name the soil layers marked;

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

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

(b) Mention the component of soil layer M that enables it to support plant growth.

\_\_\_\_\_  
\_\_\_\_\_

(c) State any one example of living organisms found in the soil.

\_\_\_\_\_

53. (a) Mention any two examples of dangerous wild animals.

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

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

(b) Suggest any two ways how wild animals are dangerous to people.

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

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

54. (a) Give any one way of saving electricity at home.

\_\_\_\_\_  
\_\_\_\_\_

(b) Write down any two equipment that use electricity at home.

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

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

(c) How can electricity be dangerous to a user at home?

\_\_\_\_\_  
\_\_\_\_\_

55. (a) What is personal hygiene?

\_\_\_\_\_  
\_\_\_\_\_

(b) Mention any one way of promoting personal hygiene.

\_\_\_\_\_  
\_\_\_\_\_

(c) State any two effects of poor personal hygiene to an individual.

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

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

**END**