



BROAD EXAMINATIONS®

P.4 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 EXAMINER'S USE ONLY

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

Teacher's comment(s) to the learner

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Approved by:

A. J. ...

Team Head Science Dept.

SECTION .A. (40 MARKS)

1. Name one item used for combing hair.

2. Mention any one example of natural changes in the environment.

3. State one female member of a nuclear family.

4. Give any one importance of transpiration to plants.

5. Mention any one domestic animal used for transport.

6. Name any one example of useful insects.

7. Why do maize plants develop prop roots at flowering stage?

8. Write any one condition necessary for seeds to germinate.

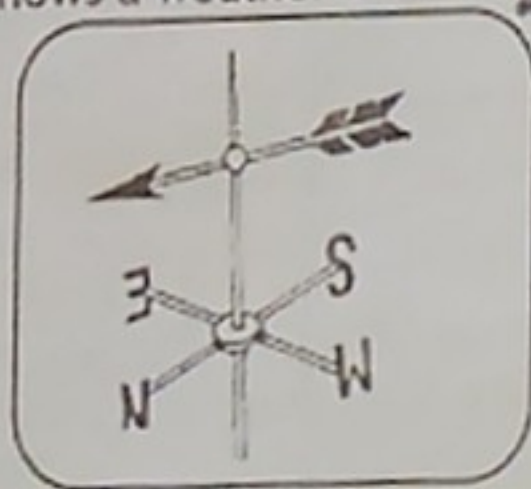
9. Give one way of caring for HIV/AIDS patients.

10. Give one way crops with weak stems climb other plants.

11. State one danger of strong sunshine in the environment.

12. Give one way of caring for tomato plants.

The diagram below shows a weather instrument. Use it to answer questions 13.



13. Name the weather instrument in the diagram above.

14. State any one danger of throwing broken bottles in the school compound.

15. Mention any one crop that grows well in dry areas.

16. Suggest one effect of malnutrition to an individual.

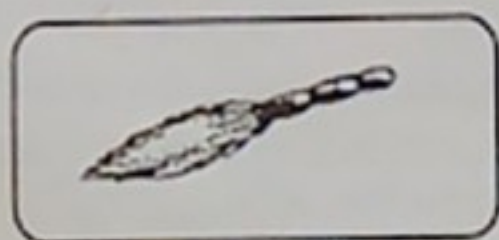
17. Give one use of insects to people.

18. State any one danger of taking a long time without bathing.

19. Mention any one physical process involved in the water cycle.

20. How is wind useful to farmers who harvest cereal crops like millet and maize?

The diagram below shows an item used to clean a home. Use it to answer question 21.



21. How is the above item useful at home?

22. Name one plant that stores food in its leaves.

23. In which way does a bat move?

24. Give any one product got from domestic birds.

25. Mention one disease spread through air.

26. How is a watering can important to a cabbage grower?

27. Name one man made change that destroys the environment.

28. Name the male part of a flower.

29. Give one reason why people dry their beddings on sunshine regularly.

30. Name the sense organ for touch.

31. Name one item used for making ropes.

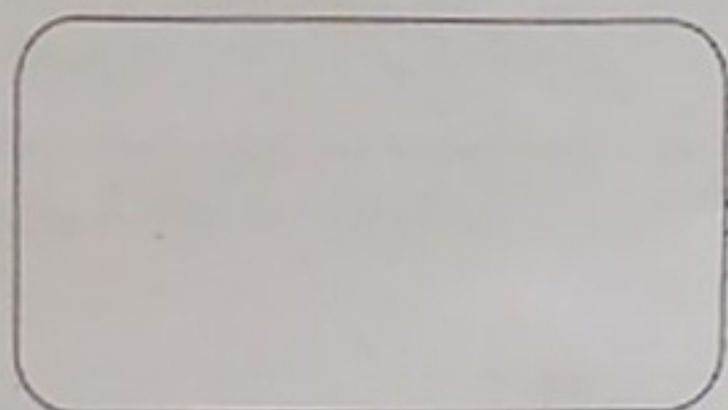
32. Give the main source of energy in the environment.

33. Give one way of caring for domestic animals.

34. Name the type of soil used for making pots.

35. Give one item used to promote oral hygiene.

36. In the space below, draw a leaf with network venation.



37. State one way of caring for garden tools.

38. Name one raw material needed by plants to make their own food.

39. Give one reason why passion fruit plants climb other plants.

40. State one way of keeping food safe at home.

SECTION .B. (60 MARKS)

41. (a) State two functions of roots to a plant.

- (i) _____
(ii) _____

(b) List any two plants with storage roots.

- (i) _____
(ii) _____

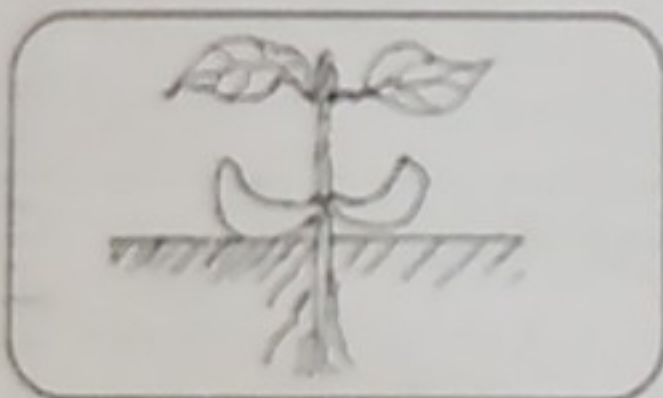
42. (a) Which component of air is used for;

- (i) burning? _____
(ii) putting out fire? _____

(b) Give one example of rare gases.

(c) State any one property of air.

43. The diagram below shows a germinating seed. Use it to answer questions that follow.



(a) Name the type of seed germination shown above.

(b) Mention two plants that undergo the above type of germination.

- (i) _____
(ii) _____

(c) State the use of water during seed germination.

44. (a) Mention two areas at home that need to be kept clean.

(i) _____

(ii) _____

(b) Write down two tools you can use to keep the home clean.

(i) _____

(ii) _____

45. (a) Draw and name two materials used to promote personal hygiene.

(b) Write down two activities of personal hygiene.

(i) _____

(ii) _____

46. (a) Give any two components of soil.

(i) _____

(ii) _____

(b) Mention any two examples of animals that live in water.

(i) _____

(ii) _____

47. (a) Give two ways of controlling accidents at school.

(i) _____

(ii) _____

(b) State any two effects of accidents to an individual.

(i) _____

(ii) _____

48. (a) Give two examples of petroleum products.

(i) _____

(ii) _____

(b) List two ways of saving energy at home.

(i) _____

(ii) _____

49. (a) Give two uses of domestic birds to people.

(i) _____

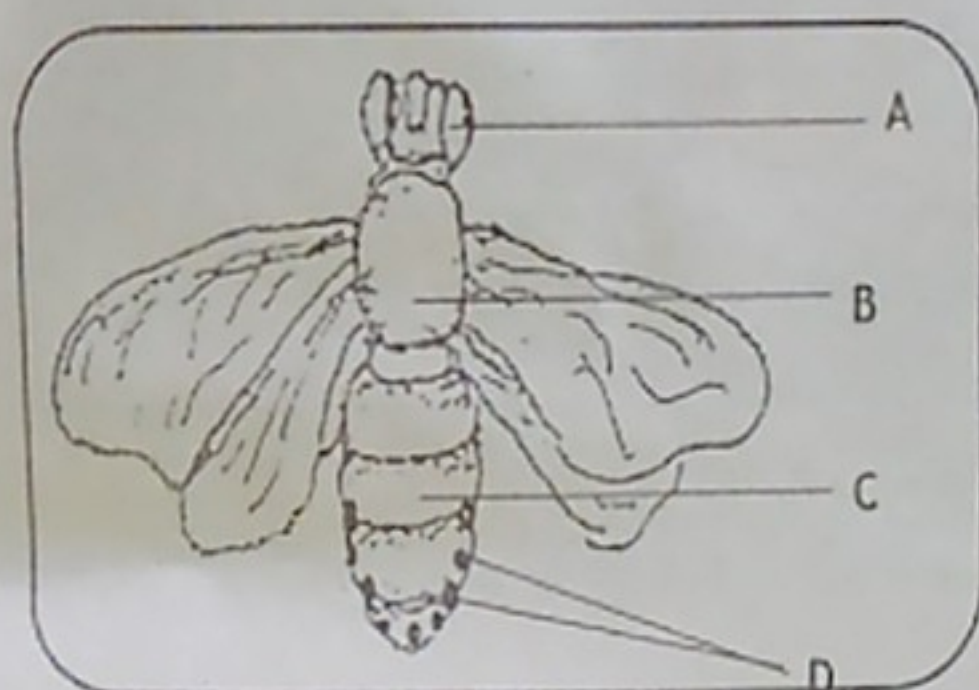
(ii) _____

(b) Mention two examples of wild animals kept in zoos.

(i) _____

(ii) _____

50. Use the diagram of an insect below to answer questions that follow.



(a) Name the parts marked;

(i) A _____

(ii) B _____

(iii) C _____

(b) How are structures marked D similar to stomata in terms of their functions?

51. (a) List any two pests that destroy crops in the garden.

(i) _____

(ii) _____

(b) State any two crop growing practices done to control pests in the garden.

(i) _____

(ii) _____

52. (a) State two types of pollination.

(i) _____

(ii) _____

(b) Write down any one characteristic of wind pollinated flowers.

(c) Apart from wind, name any one other agent of pollination.

53. Name the habitat of the following animals;

Animal

Habitat

crocodile

birds

dog

spider

54. (a) Give two examples of common diseases in your community.

(i) _____

(ii) _____

(b) State any two ways of preventing diseases spread by vectors.

(i) _____

(ii) _____

55. Given the following crops; bananas, maize, cotton, tea, rice, beans;

(a) Identify one example of these types of crops from the list given;

(i) annual crops _____

(ii) perennial crops _____

(b) Mention any two examples of crop growing practices.

(i) _____

(ii) _____

END