



THE PRIME EXAMINATIONS 2024

P.4 BEGINNING OF TERM I

INTEGRATED SCIENCE

Time allocated 2 hours 15 minutes



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Name:

Signature:

School:

District Name:

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has **two sections: A and B**. Section **A** has **40 questions (40 Marks)** and Section **B** has **15 questions (60 Marks)**
2. Answer **ALL** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All answers **must** be written using a **blue or black ball point pen or ink**. Any work written in pencil will **not** be marked.
4. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
5. Do not fill anything in the table indicated
"FOR EXAMINERS' USE ONLY"

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

Consultant
Integrated Science Department (PEC)

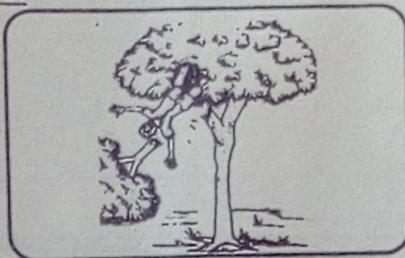
PUBLISHERS OF:-

THE PRIME; SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE, HOLIDAY PACKAGES

Section A. (40 Marks)

1. Name the sense organ used for smelling fried onions.
2. Give one reason why people eat food.
3. State any one reason why people keep birds.
4. How is too much sunshine dangerous to the farmer's crops when still in the garden?

The diagram below shows a common accident at home. Use it to answer questions 5 and 6.



5. Name the accident shown in the diagram above.
6. Give any one way of preventing the accident named in (5) above at home.
7. Why is it advisable to boil water for drinking?
8. What is *soil erosion*?
9. Name the disease which is spread by tsetse flies to animals like cows.
10. Write any one use of insects to people.
11. Apart from clean water, mention any one item used for cleaning our body.
12. Which part does a fish use for breathing?
13. Give the role of the mother at home.

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35. State one danger of living in a dirty environment.

36. Name the eye disease spread by houseflies to people.

37. Give one advantage of weeding crops in the gardens.

38. Mention any one way of keeping our teeth clean.

39. State any one sign of elephantiasis in people.

40. Give any one reason why loam soil is the best for growing crops.

Section B (60 Marks)

41. (a) What do we call the *general cleanliness of the environment*?

(b) Give any two ways of promoting sanitation.
(i) _____
(ii) _____

(c) Name any one disease spread due to poor sanitation at home.

42. (a) Name any one product got from cows.

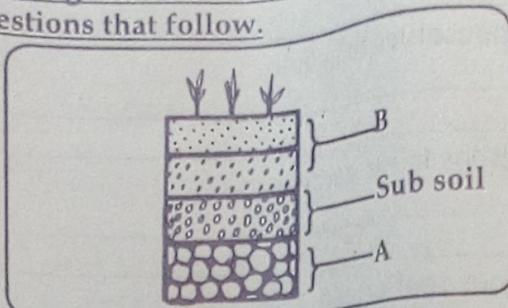
(b) Give any two uses of animals to the people.
(i) _____
(ii) _____

(c) State any one way of caring for animals.

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43. The diagram below shows soil profile. Use it to carefully to answer the questions that follow.

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- (a) Name the layer marked.
(i) A _____ (ii) B _____
(b) Which layer in the diagram do we find plant roots and living animals?
(c) Give one use of soil to animals.

44. (a) Give the importance of the following in controlling malaria at home.
(i) Slashing tall grass around our homes.

(ii) Rearing fish in ponds.

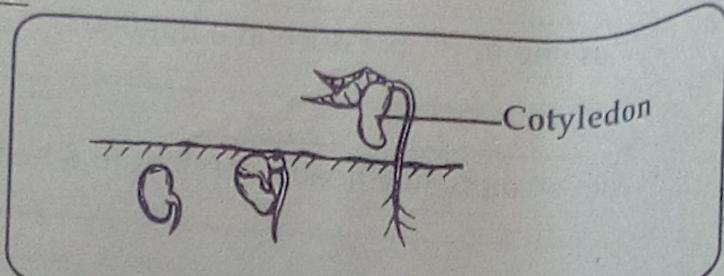
(b) State any two ways how dysentery is spread into the community.
(i) _____
(ii) _____

45. (a) Name two main sources of food in the environment.
(i) _____ (ii) _____
(b) What do we call a meal that contains all food values in the right amount?
(c) Why is it advisable to cover left over food at home?

46. (a) Name any two types of families.
(i) _____ (ii) _____
(b) Mention any one member of a nuclear family.
(c) Apart from sweeping rubbish in the compound, give one other duty of a child in a family.

14. Name the *element of weather* which requires one to put on gumboots.

The diagram below shows germination in plants. Use it to answer questions 15 and 16.



15. Name the *type of germination* shown in the diagram above.

16. Mention any one plant with the type of germination shown in the diagram above.

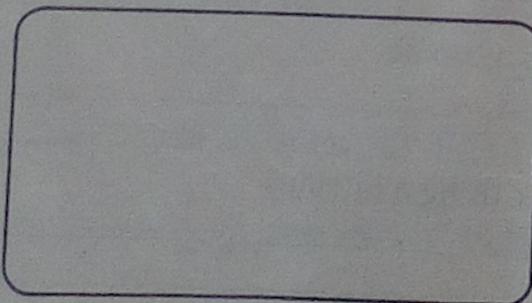
17. Why is it advisable to close windows and doors in the late evening?

18. Name any one material used in keeping sanitation at school.

19. State the use of wind to people in the environment.

20. What term is used to mean *the things made from local materials*?

21. In the space below, draw any one material used to promote sanitation at home.

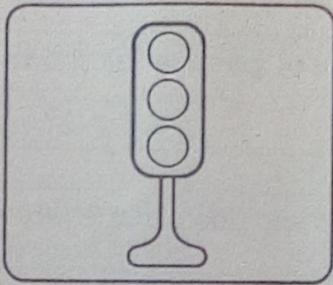


22. Give any one use of feathers to birds.

23. Mention any one example of aquatic animals.

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24. Name any one part of the plant eaten by people.
25. State any one effect of poor feeding to people at home.
26. Which property of air enables one to fill pressure in a balloon?
27. Give any one group of people who provide health services in a health centre.

The diagram below shows a road sign. Use it answer questions 28 and 29.

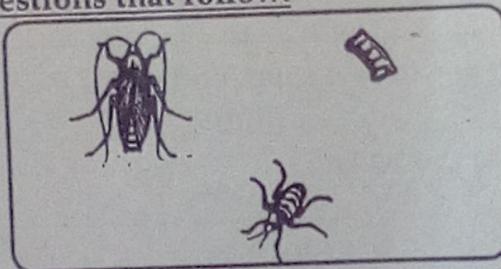


28. Name the road sign shown in the diagram above.
29. Give the use of colour green to a taxi driver.
30. Why is it good to drain stagnant water around the homes?
31. Name the item used for putting in rubbish at home.
32. Give any one cause of accidents at home.
33. Why do we wash our hands after using a latrine?
34. Name the germ that causes malaria to people.

47. Match the following vectors to their diseases they spread.

Vectors	diseases
(i) Housefly	scabies
(ii) Tsetse fly	malaria
(iii) Mosquito	diarrhoea
(iv) Itch mite	sleeping sickness
(i) Housefly	
(ii) Tsetse fly	
(iii) Mosquito	
(iv) Itch mite	

48. The diagram below shows a life cycle of a cockroach. Use it carefully to answer the questions that follow.



- (a) Use the arrows to complete the life cycle of a cockroach above.
 (b) Apart from diarrhoea, name any other two diseases spread by a cockroach to people.
 (i) _____ (ii) _____
 (c) Name any one other insect which undergoes the above life cycle apart from a cockroach.

49. (a) Name any two crops planted in a swamp.

(i) _____ (ii) _____

(b) State any two ways of caring for the crops in the garden.

(i) _____

(ii) _____

50. (a) What does "P" stand for in PIASCY?

(b) State any two examples of PIASCY messages.

(i) _____

(ii) _____

(c) Who initiated PIASCY in Uganda?

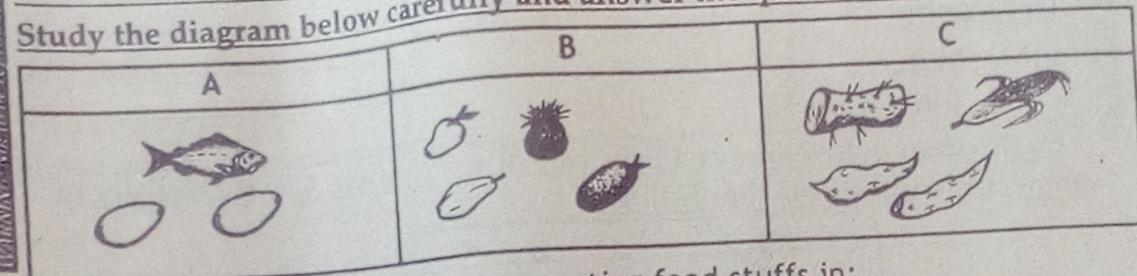
51. (a) What name is given to the things made out of clay?

(b) Name any two things which can be made out of clay.

(i) _____ (ii) _____

(c) How are banana fibres useful to people?

52. Study the diagram below carefully and answer the questions that follow.



(a) Which food value do we get from eating food stuffs in;

(i) A _____ (ii) B _____

(b) How important is food to the body?

(c) Why do we brush our teeth after every meal?

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

(i) _____ (ii) _____

(b) State any two uses of soil to people.

(i) _____

(ii) _____

54. (a) Name the garden tool used for cutting trees and splitting wood.

(b) Give any two ways of caring for garden tools.

(i) _____

(ii) _____

(c) In which season do most farmers plant their crops?

55. (a) Give any two uses of sun to people.

(i) _____

(ii) _____

(b) State any two dangers of too much rainfall to the environment.

(i) _____

(ii) _____