



THE PRIME EXAMINATIONS 2023

PRIMARY FOUR END OF YEAR

INTEGRATED SCIENCE

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Time allocated 2 hours 15 minutes



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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, HOLIDAY PACKAGES
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Turn Over

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14. Name one raw material used for making mats.

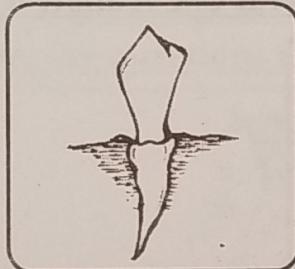
15. As a P.4 child, how can you prevent kwashiorkor among your siblings?

16. Write the first step in preparing ORS.

17. Give the function of nitrogen fixing bacteria in the soil.

18. Name the disease spread by rabid dogs.

The diagram below shows the structure of a tooth. Use it to answer questions 19 and 20.



19. Name the tooth shown in the diagram above.

20. State the importance of the tooth named in (19) above.

21. Name any one component of the environment.

22. How can a P.4 pupil control contracting HIV/AIDS?

23. Name the sense organ for sight.

24. Give any one way of caring for garden tool.

25. State any one use of a beak to a bird.

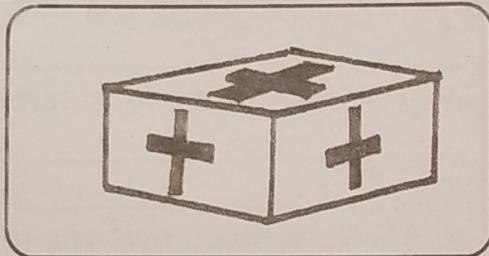
26. Why should a rabbit hutch be kept clean?

27. Mention any one animal kept for milk production in a home.

28. Why do people eat food?

29. Name the set of teeth common in infants.

The diagram below shows an equipment. Use it answer questions 30 and 31.



30. Name the equipment shown in the diagram above.

31. Give the importance of the above equipment in promoting first aid.

32. State any one way of controlling vectors in the environment.

33. Give any one way of keeping toilets clean.

34. Suggest any one importance of rain water to people.

35. Write ORS in full.

36. How useful is clay soil to people?

37. Name any one item used for brushing teeth.

38. Give any one way how trachoma is spread.

39. Why is it advisable to keep drugs out of children's reach?

40. Write any one class of food.

Section B (60 Marks)

41. The diagram below shows how germs are spread in the community. Study it and use it to answer the questions that follow.



(a) Name the vector shown in the diagram above.

(c) Apio ate the substance named in (b) above, write any two diseases she is likely to suffer from.

(i) _____ (ii) _____

42. (a) Apart from a dog, state any two other examples of domestic animals.

(i) _____ (ii) _____

(b) Give the importance of a dog at home.

(c) Name one product got from domestic animals.

43. (a) Give any two examples of records kept on a rabbit farm.

(i) _____

(ii) _____

(b) State any two reasons for keeping records on a rabbit farm.

(i) _____

(ii) _____

44. Match correctly the body organs in A to their function in B.

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A	B
(i) Brain	for hearing.
(ii) Heart	for thinking.
(iii) Lungs	for breathing.
(iv) Ears	for pumping blood.

- (i) Brain
(ii) Heart
(iii) Lungs
(iv) Ears

45. (a) Mention any two examples of plants in the environment.

(i) _____ (ii) _____

(b) Of what importance are the following to a plant;

(i) roots _____
(ii) stem _____

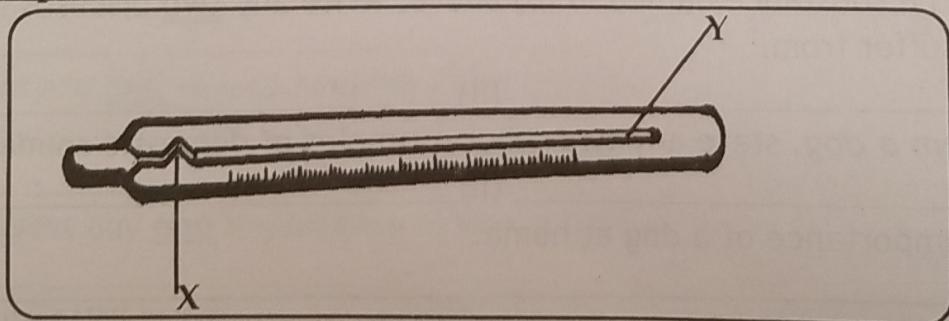
46. (a) Write any two qualities of a good first aider.

(i) _____
(ii) _____

(b) Give two reasons why we give first aid.

(i) _____
(ii) _____

47. The diagram below is of a clinical thermometer. Study and use it to answer the questions that follow.



(a) Name the part marked Y.

(b) Give the function of part X from the diagram above.

(c) Name any one part on the body where the above thermometer is placed.

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(d) Why do doctors shake the thermometer before taking the temperature readings of another person?

48. (a) Name the vectors that spread;

(i) bubonic plague

(ii) sleeping sickness

(b) Write any two types of germs that cause diseases.

(i) _____ (ii) _____

49. (a) How important are the following parts on the house;

(i) door

(ii) ventilators

(b) Give two ways of keeping our home clean.

(i) _____

(ii) _____

50. (a) Write any two parts on the body that should be kept clean.

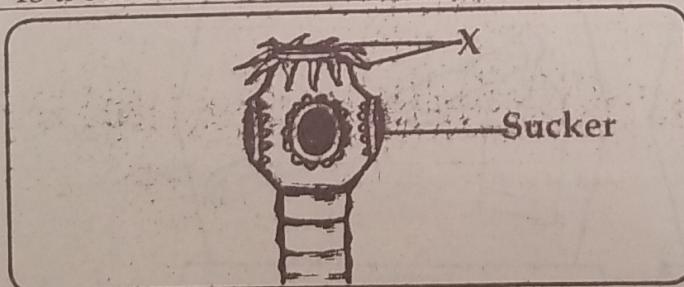
(i) _____ (ii) _____

(b) State any two ways of promoting personal hygiene.

(i) _____

(ii) _____

51. Below is a structure of a worm. Use it answer the questions that follow.



(a) Name the part marked X.

(b) State the importance of the sucker to the worm.

(c) Name the worm shown in the diagram above.

(d) How can one control the above worm from entering human the body?

52. (a) Write any two components of air.

(i) _____

(ii) _____

(b) State any two uses of the sun.

(i) _____

(ii) _____

53. (a) Give the meaning of the term an *accident*.

(b) State any two common accidents at home.

(i) _____

(ii) _____

(c) Write any one way of preventing accidents on the road.

54. (a) State any two methods of food preservation apart from sun drying.

(i) _____

(ii) _____

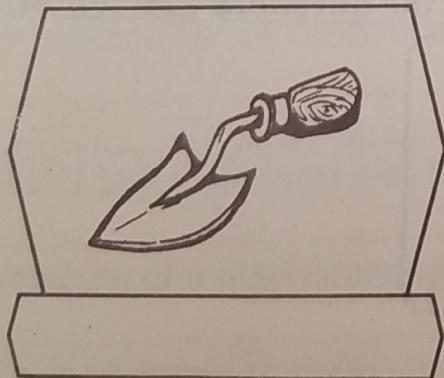
(b) Give two ways of preventing food contamination.

(i) _____

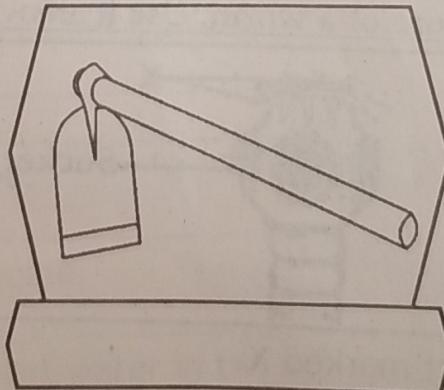
(ii) _____

55. (a) Name the garden tools below.

A



B



(b) How important are the above tools to farmers;

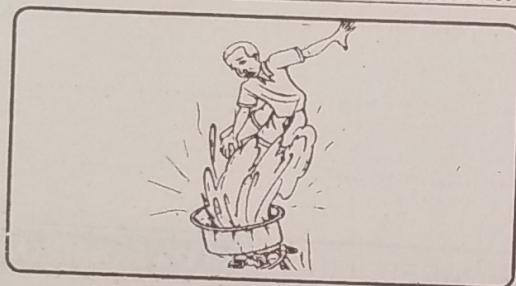
(i) A _____

(ii) B _____

Section A. (40 Marks)

1. What do we call *the frequent passing out of watery stool by a person many times a day?*
2. Why is it advisable to groom fingernails short?
3. As a P.4 child, how can you control accidents on the road?
4. Write any one use of wind as a natural source of energy.

The diagram below shows an accident. Use it to answer questions 5 and 6.



5. Name the accident shown in the diagram above.
6. Which first aid can you give to a child who has got the accident in the diagram above?

7. Why is a rabbit hutch constructed raised above the ground?

8. Write any one main source of food.
9. Give the use of a plate stand at home.
10. Why is it advisable to drain stagnant water in the compound?

11. Why does a black cloth dry faster when put under the sun?

12. Give any one way of preventing external parasites on a rabbit farm.
13. Name the body organ used for breathing in people.