



THE PRIME EXAMINATIONS 2023

PRIMARY FOUR MID TERM III

INTEGRATED SCIENCE

Time allocated 2 hours 15 minutes



FOR WELL EXPLAINED LESSON VIDEOS WITH TESTS BY EXPERT TEACHERS
DOWNLOAD THE PRIME LEARN APP
www.prime-learn.com

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

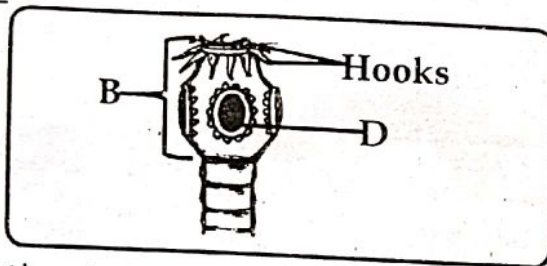
Organised by: PRIME EDUCATIONAL CONSULT @2023 **Kampala**

Turn Over

Section A. (40 Marks)

1. Name one domestic fowl kept for both meat and eggs at home.
2. State one danger of diarrhoea to people.
3. Why is it not advisable to pour paraffin in latrines?
4. Give one health benefit of eating food rich proteins.
5. Name the vector that spreads trachoma to our eyes.

The diagram below is of a tapeworm. Use the diagram to answer questions 6 and 7.

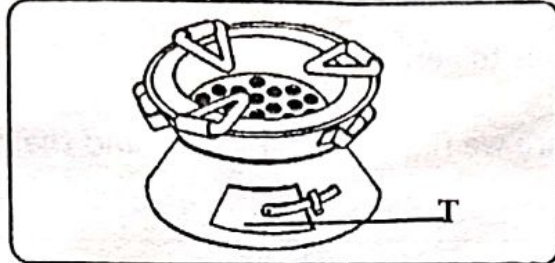


6. Name the structure labelled **D** from the diagram above.
7. What general name is given to the part marked **B**?
8. Why are mosquito nets made with tiny holes?
9. Give one importance of keeping our classroom clean.
10. Which part of air supports cooking using charcoal?
11. Why are mothers advised to keep young children away from hot saucepans?
12. How is cholera spread?
13. Which worms enter our bodies by penetrating through the skin of bare feet?

14. Give one reason for washing our hands with soap before eating food.

15. State one importance of sunshine to crop farmers.

Study the diagram below and use it to answer questions 16 and 17.



16. Name the type of soil for making the above item.

17. Of what importance is part T to the above item?

18. Why is sugar included when making O.R.S?

19. Name any one common accident at school.

20. How are culex mosquitoes dangerous to people?

21. Name the hardest part of tooth.

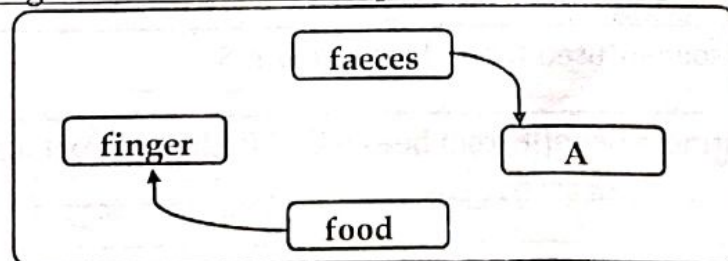
22. Write one effect of dehydration to babies.

23. Name the structure designed for putting washed wet utensils to dry.

24. Why is a rain gauge placed in an open space away from buildings and trees?

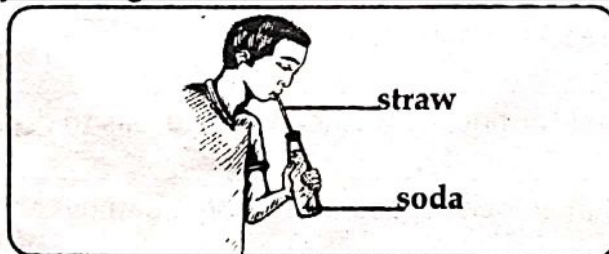
25. Which germ causes typhoid to people?

Use the diagram below to answer questions 26 and 27.



26. Complete the diagram above using an arrow.
27. Name the component marked A.
28. Why are brick makers advised to eat food rich in carbohydrates?
29. State one importance of leaves to herbalists.
30. Name the type of family where we find *father, mother and their biological children*.
31. Write one mineral salt lost during excessive diarrhoea.
32. Why is water called a universal solvent?
33. How do tapeworms enter our bodies?
34. State one indicator of a dirty compound.
35. Give one use of banana fibres to school going children.

Study the diagram below and use it to answer questions 36.



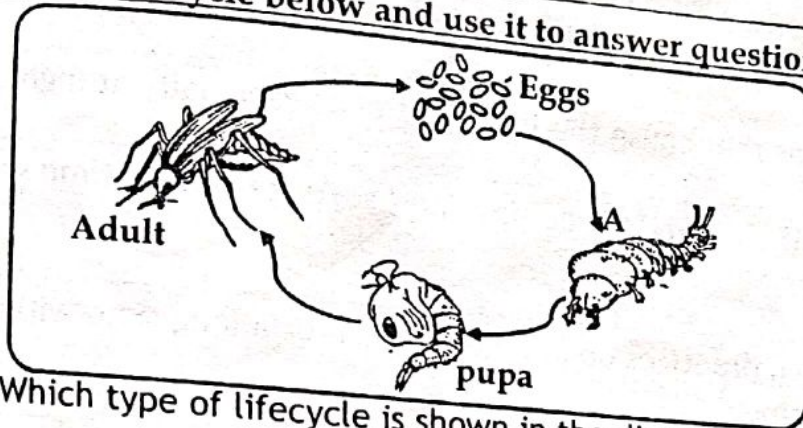
36. Which property of air is demonstrated in the diagram above?
37. How do cows support the life of plants in the environment?
38. Name any one solvent used for making salt O.R.S.
39. How do crop farmers benefit from bees found in the environment?

40. Name the childhood immunisable disease spread by cockroaches to people.

Section B (60 Marks)

41. (a) Name two types of animals.
(i) _____ (ii) _____
(b) Mention any one product obtained from goats.
(c) Give one reason why animals move from one place to another.

42. Study the lifecycle below and use it to answer questions that follow.



(a) Which type of lifecycle is shown in the diagram above?

(b) Identify stage A from the diagram above.

(c) Give one way of controlling mosquitoes in a home.

(d) Where do mosquitoes lay their eggs?

43. (a) What is meant by the term **dehydration**?

(b) Mention two main causes of dehydration.

(i) _____

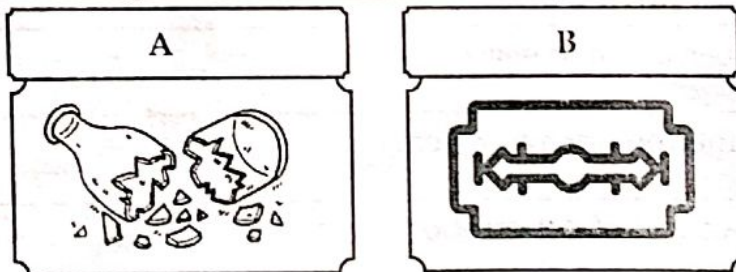
(ii) _____

(c) Why should a dehydrated person be given a lot of fluids?

44. (a) Name one element of a clean home.

(b) Give one health practice carried out after using a toilet.

- (c) How is the practice above important to your health?
- (d) Mention any one disease that can be prevented by draining still water around our homes.
45. (a) Mention any one intestinal worm that lives in;
- (i) small intestines _____
- (ii) large intestines _____
- (b) Why does a person with hook worms become anaemic?
- _____
- (c) Name the worms that cause the itching of anus especially at night.
46. (a) What do we call *the way of keeping food safe for a long time without going bad*?
- (b) Mention any two practices done to keep food for a long time without going bad at home.
- (i) _____
- (ii) _____
- (c) Name any one food stuff preserved by using heat from the sun.
47. Use the diagrams below to answer the questions that follow.



- (a) Name the items shown in table A and B.
- (i) A _____ (ii) B _____
- (b) Why is it dangerous to play with item in table A?
- _____
- (c) Give one reason why school children are not advised to share sharp items with children infected with HIV/AIDs.
- _____

48. (a) State any two importance of leaves to animals.
 (i) _____
 (ii) _____
 (b) Mention any two ways of caring for plants in the compound.
 (i) _____
 (ii) _____
49. (a) Name the deficiency disease prevented by eating the following food stuffs;
 (i) boiled eggs, beans, meat and chicken _____
 (ii) cassava, sweet potatoes, rice and posho _____
 (b) How is kwashiorkor caused in babies?

 (c) Write one source of animal protein. _____
50. Rearrange the steps below to show how to prepare salt solution locally.
 (a) *Stir the mixture to form a uniform solution.*
 (b) *Wash hands with clean water and soap.*
 (c) *Add one levelled teaspoonful of salt and eight levelled teaspoonfuls of sugar into the one measured little of water.*
 (d) *Measure one litre of cool clean boiled water into a clean container.*
 (a) _____
 (b) _____
 (c) _____
 (d) _____
51. (a) Mention any two examples of insect disease vectors.
 (i) _____ (ii) _____
 (b) Name the disease spread by rabid dogs.

 (c) Give one reason for ironing clothes after washing.

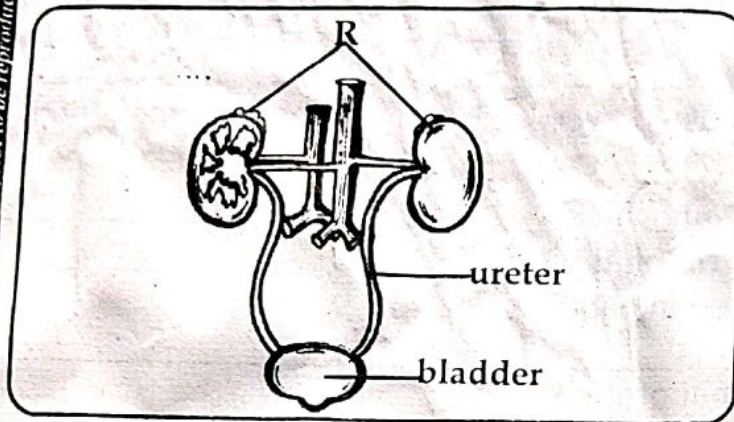
52. (a) What is meant by the term **photosynthesis**?

 (b) State one raw material for photosynthesis to take place.

 (c) How can photosynthesis help to purify the environment?

(d) Why is chlorophyll needed during the process of photosynthesis?

53. Use the diagram below and answer the questions that follow.



(a) Name the body organ labelled R from the diagram above.

(b) Give two importance of the organ named above in the human body.

(i) _____

(ii) _____

(c) Which part of the skeleton provides protection to above body organ?

54. (a) Name the senses for the following organs;

(i) ear _____

(ii) tongue _____

(b) Give the use the following materials when promoting personal hygiene.

(i) soap _____

(ii) dental floss _____

55. The table below shows arrangement of teeth in the mouth.

	Incisors	Canines	Premolars	Total
Lower jaw	4	—	4	10
Upper jaw	4	2	—	—
Total	8	4	8	20

(a) Complete the table above.

(b) Name the set of teeth shown in the above table.