



**KIYINDA - MITYANA DIOCESE
CATHOLIC PRIMARY SCHOOLS
HEADS' ASSOCIATION (CAPSIA)**

P. L. E. MOCK EXAMINATION 2024

INTEGRATED SCIENCE

Time Allowed 2 Hours 15 Min.

Random No.					Personal No.				

Candidate's Name: _____ Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. Do not open this booklet until you are told to do so.
2. This paper comprises of two sections A and B.
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. All answers must be written in blue or black ball point pen or ink.
6. All answers to both sections A and B **MUST** be written in the spaces provided
7. Diagrams must be done in pencil strictly.
8. Any handwriting that cannot be easily read will lead to loss of marks.
9. Unnecessary alteration of work will lead to loss of marks.
10. Do not fill anything in the boxes reserved for examiners' use.

FOR EXAMINER'S USE ONLY		
QN. No.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A (40 marks)

1. Name the body organ that helps us to hear.

2. Write **one** use of wind.

3. How do most flowering plants reproduce?

4. Why is it a good habit to wash hands before eating?

5. Name the type of leaf venation shown below.



6. How are spiracles useful to insects?

7. Mention **one** local material used for making pots.

8. What do bees collect from flowers when they visit them?

9. Why should we keep our compound clean?

10. Name the process in plants that helps in rain formation.

11. Mention **one** product got from cows.

12. What is **pollination**?

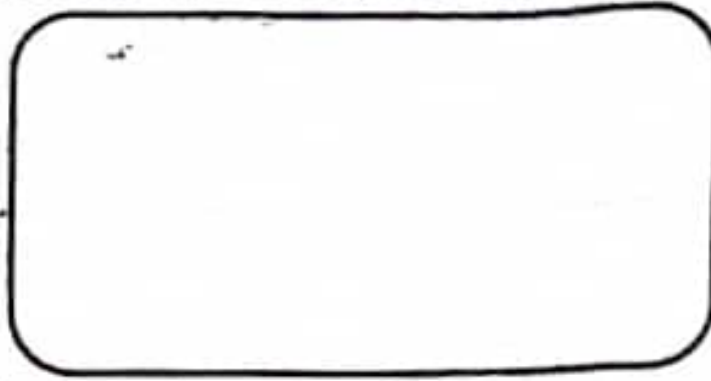
13. Name the liquid used in clinical thermometers.

14. What is the function of the canine teeth?

15. Mention **one** example of animal pest.

30. Which food is best for brick makers?

31. In the space provided below, draw an illustration to show that air has weight.



32. Give **one** example of a monocot.

33. State **one** use of a hoe at home.

34. Suggest **one** example of a domestic animal.

35. Write **one** item that uses electricity at home.

36. State **one** use of plants to animals.

The diagram below is a fish. Use it to answer questions 37 and 38.



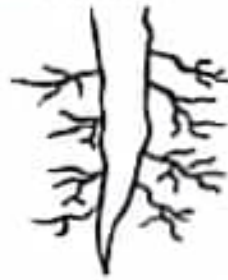
37. How does the above animal move in water?

38. Name the food value got from the fish when eaten.

39. State any **one** component of air.

40. Give **one** type of seed germination.

16. Name the type of root shown in the diagram below.



17. Mention **one** vitamin deficiency disease you know.

18. Give a reason why a maize grain is called a fruit.

19. How are nimbus clouds useful to a farmer?

20. What is **personal hygiene**?

21. Give the importance of a rat guard put in a granary.

22. What is **wind**?

23. How is chlorophyll important during photosynthesis?

24. Name the body organ that pumps blood to all the body parts.

25. Name any **one** item found in a first aid box.

26. Write **one** way of preventing food contamination.

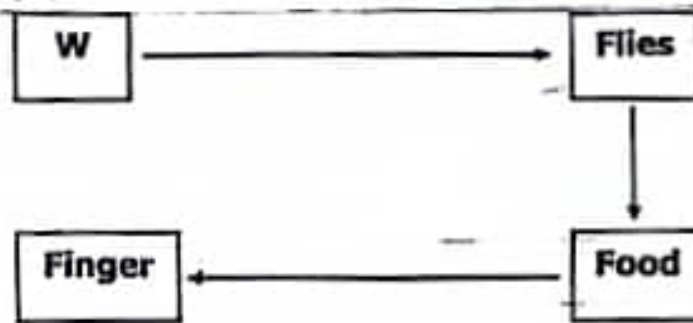
27. Why do farmers mulch their gardens?

28. Name the vector that spreads malaria germs to people.

29. What is **weeding**?

SECTION B

41. The diagram below shows how germs can be spread through the 4Fs.



- a) Write the word which should be in **W**.

- b) Name the vector involved in the spread of germs in the above diagram.

- c) Mention any **two** diseases which can be spread by the vector named in 41b) above.
i). _____
ii). _____
42. a) Mention any **two** types of soil.
i). _____
ii). _____
- b) Give **one** cause of soil erosion.

- c) State **one** way of controlling soil erosion.

43. a) Name the main natural source of water.

- b) Give any **one** use of water at home.

- c) Write **one** way of making water safe for drinking.

- d) Mention **one** disease got by drinking dirty water.

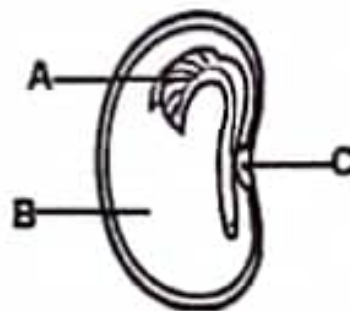
44. Match the organs in A with their uses in B.

A
Tongue
Kidney
Stomach
Skin

B
Feeling.
Stores food for a short time.
Tasting.
Filters blood.

- i). Tongue _____
ii). Kidney _____
iii). Stomach _____
iv). Skin _____

45. The diagram below shows a bean seed. Use it to answer the questions.



- a) Name part marked with letter A.

b) What component of air enters through part C?

c) Give the function of part B.

d) Which type of germination does the above seed undergo?

46. a) What are vectors?

b) Identify any **two** disease vectors.
i). _____
ii). _____
c) Write **one** way vectors can be controlled in the environment.

- 54a). Mention any two examples of domestic animals that provide us with milk.
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- (b). In which one way are the following animals useful to people in the community.
- (i) Oxen
.....
.....
- (ii) Camels
.....
.....

55. (a). How do V.I.P latrines help in controlling diarrheal diseases?

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(b). Give one way of controlling bad smell in a urine diversion dry toilet (UDDT).

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(c). How is the vent pipe on a V.I.P latrine related to ventilators on a house?

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(d). Why is it not advisable to pour oil in a pit latrine?

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