



KALIRO DISTRICT ACADEMIC COMMITTEE
PRIMARY SEVEN MOCK ASSESSMENT 2024
INTEGRATED SCIENCE

DURATION : 2 HOURS 15 MINUTES

NAME**STREAM:.....**

INDEX NUMBER

Read the following instructions carefully:

1. Do not write your school or district name anywhere on this paper.
2. This paper has two sections A and B. Section A has 40 questions and section B has 15 question
This paper has 10 pages printed altogether.
3. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
4. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
5. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the table indicated **"For examiners' use only"** and the boxes inside the question paper.

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

SECTION A (40 MARKS)

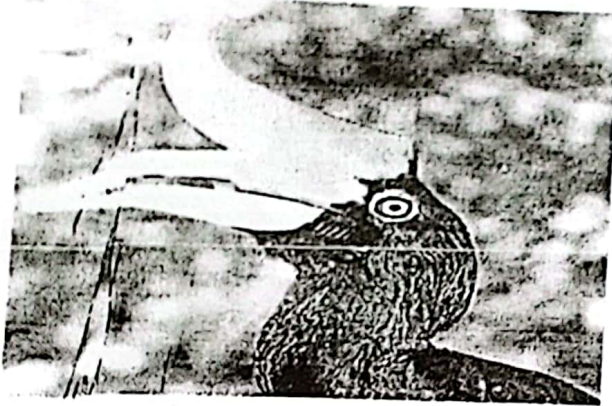
1. What name is given to the first set of teeth in human beings?

2. Write down any one product from sheep.

3. Give one way in which wind is used as resource.

4. What role do bacteria play in a food chain?

Use the diagram below to answer question 5



5. To which group of perching birds does the bird with the above beak belong?

6. Give the reason why the feeding trough of poultry has a rotating handle.

What are annual crops?

7. State one advantage of carrying out a health survey.

8. Point out one way animals depend on plants.
9. What name is given to clouds that resemble cotton piles with a flat bottom?
10. In which part of the human digestive system does digestion begin from?
11. Why is water obtained by filtration not safe for drinking?
12. Name one method used for harvesting trees in agroforestry.
13. State one way through which germs are spread.
14. Why type of change is expansion and contraction of metals?
15. How do hookworms enter our bodies?
16. Name the type of fracture that occur in babies.
17. Point out one sign of a dehydrated child.
18. Give one example of a vermin in crop growing.
19. What name is given to the second stage in the life cycle of a cockroach?
20. How is a fuse similar to a switch in terms of their function?

21. Which stage of a housefly is most dangerous to people?

The diagram below is of an example of a fungi. Use it to answer **question 23**;



23. Name the fungi.....

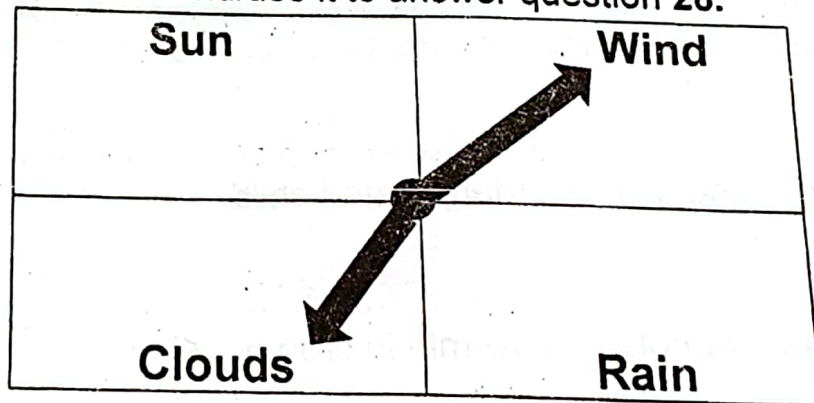
24. Point out one excuse people give to drink alcohol.

25. Give one example of vulnerable groups of people.

26. Why are mineral salts not digested?

27. To which group of tuber crops do coco yams belong?

Study the chart below and use it to answer question 28.



28. Name the type of weather shown in the above chart.

29. Give one reason why some farmers plant their seeds.

30. State one reason why some people prefer rearing rabbits to cattle.

31. Mention one example of a natural change in the environment.

32. What name is given to cattle kept for labour?

The diagram below shows a property of magnets. Use it to answer **question 33**



33. Which property of magnets is illustrated in the above diagram?

34. Mention one example of a plant fibre.

35. Write down one example of a staple food in your area.

36. Give any one reason why animals move from one place to another.

37. Write down one system used for keeping pigs.

38. How are white blood cells useful to the body?

39. Which element of Primary Health Care help in the control of diarrhea.

40. What happens to the lungs during breathing in?

SECTION B (60 MARKS)
(QUESTIONS 41 - 55 CARRY FOUR (4) MARKS EACH)

41. (a) What is germination?

(b) Give two conditions necessary for germination.

(i).....

(ii).....

(c) Mention any one type of germination.

42.(a) State the use of each of the following to a honey harvester.

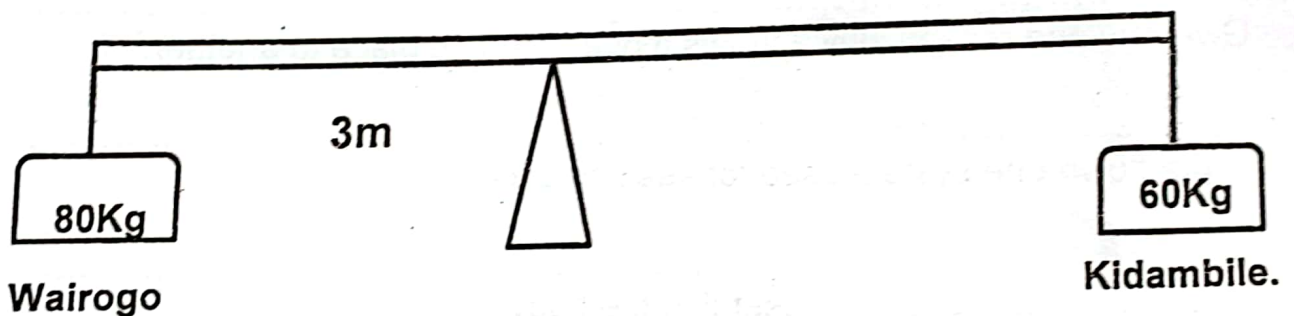
(i) A smoker

(ii) A clean bucket:.....

(b) Why is honey harvesting done in the evening?

(c) What food value do we get from honey?

342. (a) Wairogo weighs 80kg and sits 3 metres from the fulcrum of a see saw. How far from the fulcrum should his brother Kidambile who weighs 60kg sit in order to balance the see saw shown below?



(b) In which class of lever is the above machine classified?

44.(a) Name the process by which plants lose water to the atmosphere through the stomata.

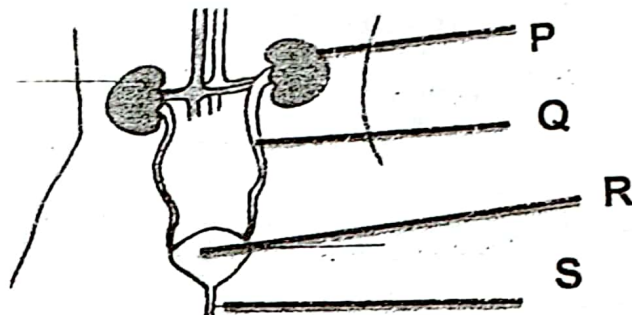
(b) How is the above process useful to the following?

(i) Plants.....

(ii) Environment.....

(c) Give any one factor that affects the rate of the above process.

45. The diagram below shows the urinary system. Study it carefully and answer questions that follow:



(a) Name parts labelled:

(i) Q.....

(ii) R.....

(iii) S.....

(b) State the major function of part marked P.

46. (a) Match the following correctly

Mass	Mass per unit volume
Weight	Force that pulls objects towards the ground
Gravity	Quantity of matter contained in an object
Density	Force of gravity acting upon matter

(i) Mass

(ii) Weight

(iii) Gravity

(iv) Density.....

(b) Mention any one cause of near drowning.

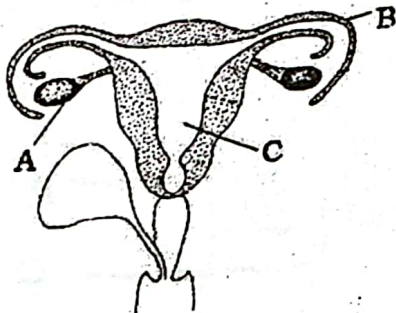
(c) Write down two places where near drowning can occur.

(i)

(ii)

(c) State the first aid for near drowning.

47. The diagram below shows the female reproductive system. Study it carefully and use it to answer questions that follow:



(a) Name parts marked.

(i) **B**

(ii) **C**

(b) State the function of part labelled A.

(c) Identify one Sexually Transmitted Disease that attacks the above system.

49. (a) What are anti-social behaviours?

(b) Give any two examples of anti-social behaviours.

(i)

(ii)

(c) Write down one way of controlling anti-social behaviours.

50. Point out any one two examples of each of the following:

(a) traditional methods of food preservation.

(i).....

(ii).....

(b) modern methods of food preservation.

(i).....

(ii).....

51. (a) Name two vaccines given at birth.

(i).....

(ii).....

(b) Give the reason why vaccines are given on different parts of the body.

.....
(c) What name is given to a special refrigerating device used for keeping and carrying vaccines.

.....
52. Define the following terms as used in sound:

(a) Pitch.

.....
(b) Volume.

.....
(c) Frequency.

.....
(d) an echo.

.....
53. State the function of each of the following when making compost manure

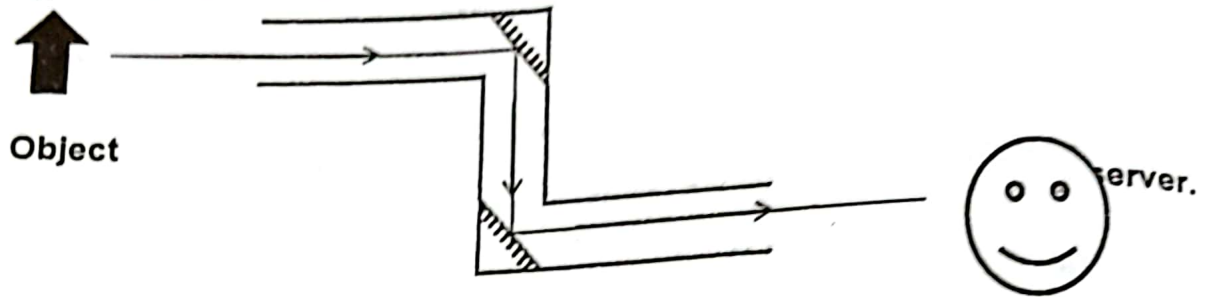
(i) water.

.....
(ii) a stick in the middle of the heap.

.....
(iii) Adding ash to the manure.

(b) Write down one method used to apply fertilizers in the garden.

54. The diagram below shows an instrument used by certain groups of people. Study it carefully and answer questions that follow:



(a) Name the above instrument.

(b) On which principle does the above instrument work?

(c) Which type of mirrors are used in the above instrument?

(d) State any one use of the above instrument.

55. (a) Name any two organs of the digestive system.

(i).....

(ii)

(b) Give one function of saliva during digestion.

(c) Mention one way of keeping the digestive system in a good working condition.

END