



KAMPALA PRIMARY EXAMINATION BOARD
PRIMARY SEVEN PRE- MOCK SET II TERM II
ASSESSMENT 2024
INTERGRATED SCIENCE
DURATION: 2 HOURS 15 MINUTES

INDEX NUMBER	EMIS NUMBER					PERSONAL NUMBER		

Name:

School:

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

Read the following instructions carefully

1. This paper is made up of two sections:
A and B
2. Answers to both sections must be written in the spaces provided
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. **Attempt ALL questions.** All answers to both Sections A and B **MUST** be written in the spaces provided
6. ALL answers must be written in blue or Black ball point or ink. Only diagrams And graphs work must be done in pencil
7. Unnecessary alternations of work will lead to loss of marks.

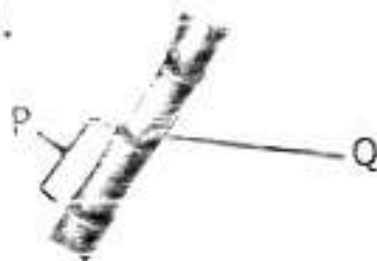
FOR EXAMINERS USE ONLY

QN. NO.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A

1. Which part of a flower attracts insect pollinators?
2. Name the standard unit for measuring mass.
3. State any one effect of too much alcohol consumption in the community.
4. What is the main reason for giving first aid?
5. Give one body characteristics which is common to a spider and a tick.
6. Which force makes molecules of solids to appear close together?
7. Mention any one example of a natural change in the environment.
8. Where does fertilization take place in plants?
9. How is the liver important during the process of digestion?

The diagram below shows a part of a sugarcane. Use it to answer questions 10 and 11.



10. Name the part marked with letter P.
11. State the function of part marked Q on the diagram.
12. Why is a person who has taken poison given plenty of fluids to drink?
13. Which food value is obtained from eating food from legumes?
14. Name any one exotic breed of goat kept for milk production.
15. How are spiders useful in the control of malaria in a home?

16. Give any one way in which sweating is important in a human body.
17. Which type of soil does not allow water to go through it easily?
18. What causes marasmus in children?
19. Why is a sling used when giving first aid to a person with a broken hand?
20. State any one way plants benefit from animals.
21. Write down the vector that spreads elephantiasis.
22. Give the function of the epiglottis in the respiratory system.
23. How are ferns, mosses and liverworts similar?
24. State the function of the amniotic fluid during pregnancy.
25. The diagram below shows a simple machine. Use letter F to show the position of the fulcrum.



26. How does crop rotation help in the control of pest in the garden?
27. Give one purpose of fallowing land.
28. By what process does a gas change directly into a solid?
29. Name the cattle disease that causes abortion on an incalf.
30. Why is it important to take food with fibre materials in every meal?
31. Give any one advantage of castrating farm animals.

32. Name any one device used to reproduce sound.
33. Apart from ring worm, name one other disease caused by fungi in humans.
34. Why does a farmer cut off leaves of banana sucker before planting it?
35. State any one habit that promotes oral health.
36. Which gas is used by food manufactures to preserve drinks like sodas?

The diagram below shows a common animal. Use it to answer questions 37.



37. Which disease does the above animal spread to humans?
38. How does a sweater help to keep a person warm during cold days?
39. State one activity done by bee keepers to attract bees to occupy a new hive.
40. Name the process in plants that help in rain formation.

SECTION B

41a). Name the solution got by mixing salt and water.

b). What does each of the following act as in the solution formed?

i) Salt

ii) Water

c). How can salt be recovered from such a solution?

42a). Give any two disadvantages of keeping local breeds of poultry.

i)

ii)

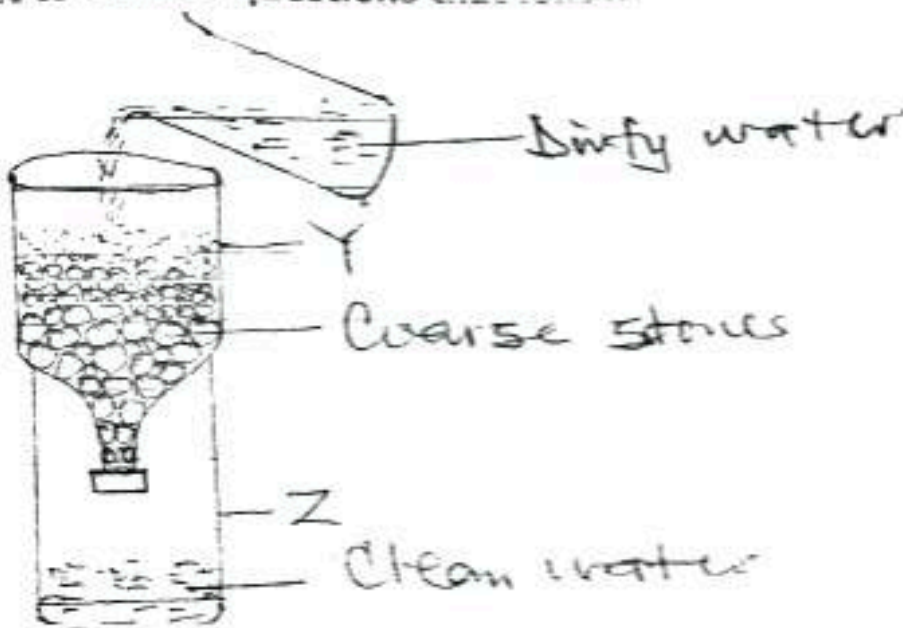
b). Apart from getting money, give any two other reasons why people rear

poultry.

i)

ii)

43. The diagram below shows a method of obtaining clean water. Study and use it to answer questions that follow.



a). Identify the method shown above.

b). Name any two other materials which are placed in container Y

i)

ii)

c). Why should the clean water in container Z be boiled before drinking?

44a). Why do goat farmers carry out the following practices?

i) Steaming up

ii) Hoof treaming

b). Mention two methods used to castrate male goats.

i)

ii)

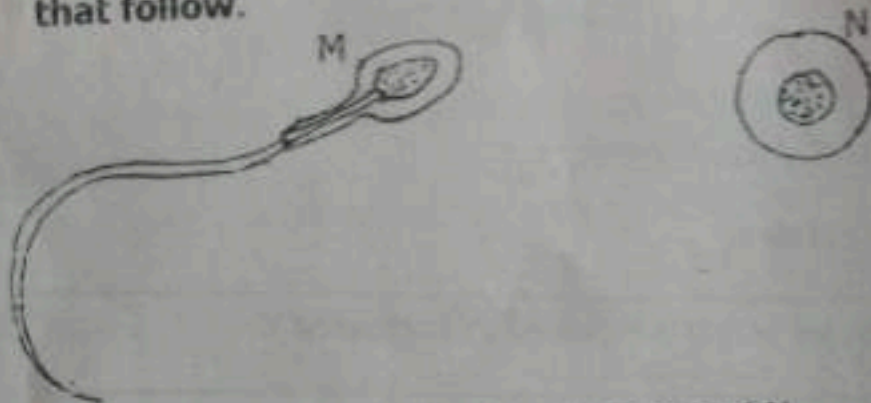
45a). How does soil exhaustion lower crop yields in the garden?

b). State any two ways how one can make exhausted soil better for crop growing.

i)

- ii) _____
- c). Apart from soil exhaustion, give one other factor that can lower crop yield in the garden;
- 46a). Give a scientific name for a group of;
- i) petals _____
- ii) sepals _____
- h). Which insect pollinates flowers at night?
- c). What structure on worker bees enables them to carry pollen from flowers?

47. Below are human reproductive cells. Use them to answer questions that follow.



- a). Name the reproductive cell marked M and N.
- i) M _____
- ii) N _____
- b). What important process takes place as a result of the union of the two cells?
- c). Which part of the cell M propels it to reach the oviduct?

48a). What is the main cause of fainting?

b). Mention any two conditions that may lead to fainting.

i) _____

ii) _____

c). Give one reason why a casualty of fainting should lay with legs raised.

b). Give any two methods of conserving resources.

i) _____

ii) _____

c). Name any one resource that can be recycled.

50a). Identify two minerals found in drinking water.

i) _____

ii) _____

b). In which way is distilled water useful in the hospital?

c). Why is distilled water not good for drinking yet it does not contain germs?

51a). Name the body organ that allows the following processes to take place.

i) Blood getting oxygen _____

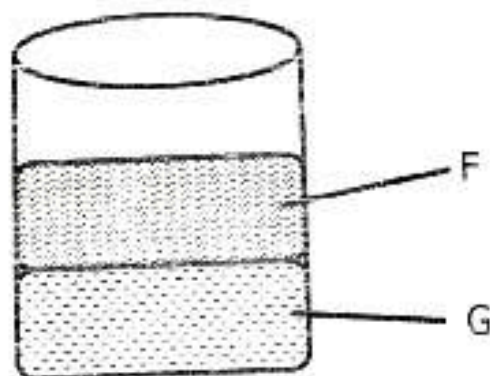
ii) Filtration of blood _____

b). How are the blood components below useful in the body?

i) White blood cells _____

ii). Platelets _____

52. The diagram below shows a glass container into which water and paraffin were poured.



a). Which of the two liquids is represented by;

i) F _____

ii) G _____

b). What causes the behavior of the liquids as shown above?

c). How can the two liquids above be separated?

53a). Give any two causes of weathering of rocks.

i) _____

ii) _____

b). Apart from weathering, name the other process by which soil is formed.

c). How do living organisms in soil help to improve soil fertility?

54a). What germ causes mastitis in cattle?

b). State any two signs of mastitis.

i) _____

ii) _____

c). Give any one way of controlling mastitis in cattle.

55. Complete the table below correctly

Position in the body	Type of joint
a) Shoulder	_____
b) _____	Gliding joint
c) _____	Hinge joint
d) Neck	_____

The End