KAMPALA PRIMARY SCHOOLS HEADTEACHERS' EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY SEVEN PRE-MOCK EXAMINATIONS 2025
INTEGRATED SCIENCE

TIME ALLOWED: 2 HOURS 15 MINUTES

Random No.						Personal No.		

Candidate's Name: _____

School: _____

Division: _____ School No: | | | | |

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. Section **A** has 40 questions (40 marks)

3. Section **B** has 15 questions (60 marks)

4. Answer ALL questions in both sections **A** and **B**

5. ALL answers **MUST** be written in Blue or Black Ball - point pen or ink

6. Un-necessary alteration of work may lead to loss of marks.

7. All diagrams MUST be drawn in pencils.

8. Any handwriting that cannot be easily read may lead to loss of marks.

9. Do **not** fill any thing in the boxes shown *"For Examiner's use only"*.

TURN OVER

SECTION A (40marks)

1. Write **one** example of animals found at home.

   ....

2. Apart from air, mention any other component of soil.

   ....

3. How useful is a net on a VIP latrine?

   ....

4. State any **one** example of vegetative materials.

   ....

5. How does the human skin regulate the body temperature on hot days?

   ....

   ....

6. Write the boiling point of water using the Celsius scale.

   ....

7. How does rotational grazing control tick born disease in cattle?

   ....

   ....

8. How can we reduce on the use of charcoal as a source of fuel?

   ....

9. Which component of air takes place 0.97% of the atmosphere?

   ....

10. How can a poultry farmer of layers make use of snail shells and egg shells together with fish bones to improve on his produce?

    ....

    ....

11. State any **one** example of micro organism.

    ....

    The diagram shows an eye defect use it to answer questions 12 and 13.
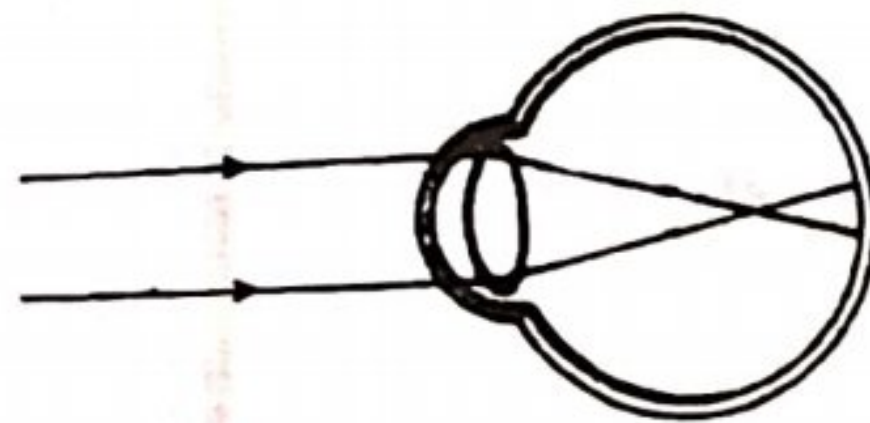
Which type of lens is used to correct the eye defect shown above?

....

Name the eye defect above.

....

14. Mention **one** example of anti-social behavior in the community.

   ....

15. State the use of a barometer in a weather station.

   ....

16. State the role of prop roots on a maize plant during flowering stage.

   ....

17. In which way are BCG and DPT Vaccines similar in their way of administration? ....

   ....

18. How are physical exercises important in our everyday life?

   ....

   ....

19. Why do cattle farmers carry out Ear – tagging?

   ....

   ....

20. ***An insect has three main body parts, draw them and use letter X and an arrow to show the part where legs are attached.***
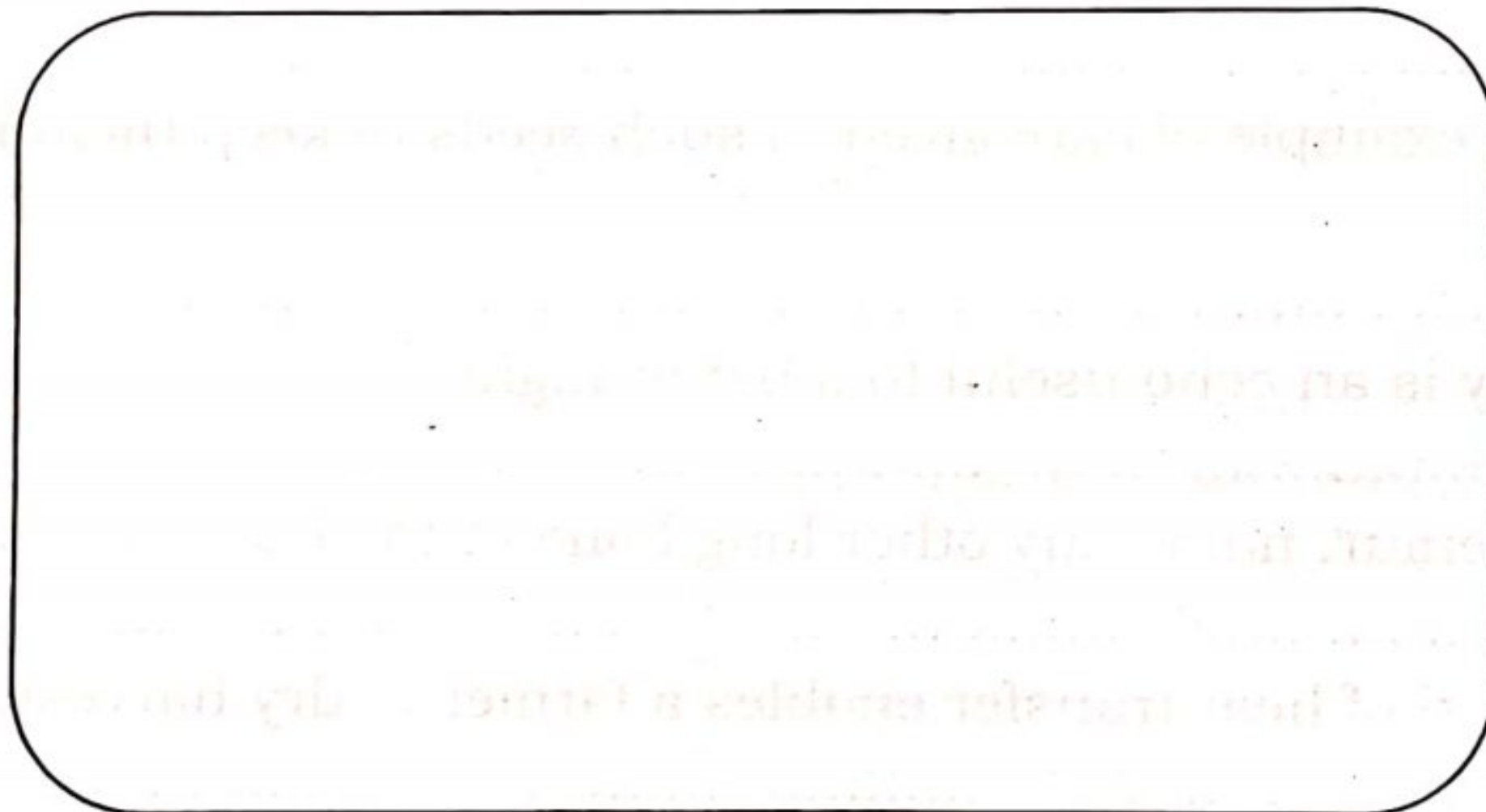
21. Which disease causes appearance of wounds in rabbit ears?

   ....

22. State the reason for a stone sinking in water.

   ....

   ....

23. Mention **one** way a mother can minimize marasmus in her child below 5years. ....

   ....

24. How is water a renewable resource in our environment?

   ....

   ....

25. State any **one** practice used in our communities to preserve food.

    ....

26. Mention any **one** important element of a meal needed by a pregnant woman.

    ....

27. State any **one** danger of taking drugs without a medical worker's prescription.

    ....

Use the diagram below to answer questions that follow.
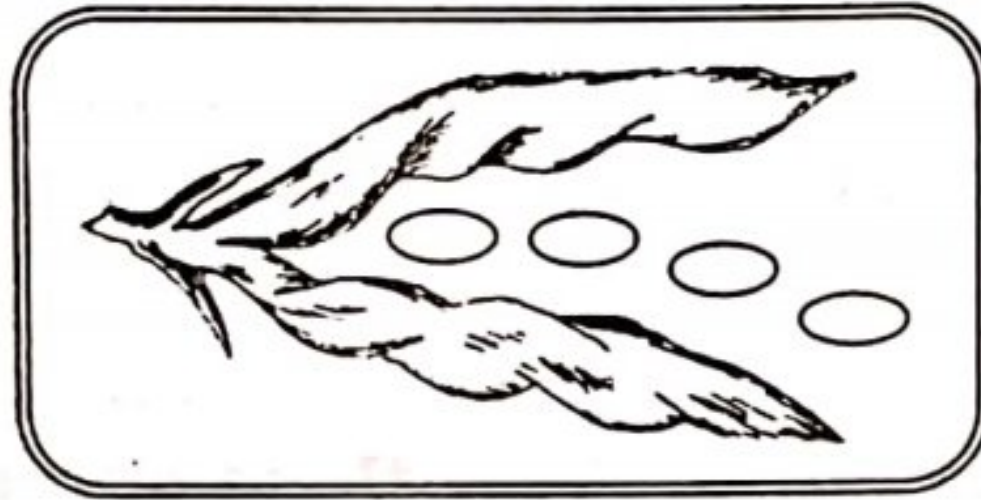
28. Which method of seed dispersal is shown above?

    ....

29. List any **one** example of care given to such seeds to keep them free from damage.

    ....

30. In which way is an echo useful to a bat at night?

    ....

31. Apart from femur, name any other long bone in the human body.

    ....

32. Which method of heat transfer enables a farmer to dry harvested seeds?

    ....

33. Write any **one** practice PIASCY messages help to control the spread of HIV/AIDS among school children.

    ....

    ....

34. Which deficiency disease is caused by lack of vitamin **D** in children's diet?

    ....

35. Why isn't it necessary to put doors on VIP latrines?

    ....

    ....

36. Why is a sea saw referred to as first class lever?

    ....

    ....

43. **The table below shows electric circuit symbols, use it to answer questions that follow.**

O	P
—||—	—⊙—

a) Name the parts of the electric circuit **O** and **P** above.

i) O .... ii) P ....

b) How useful is **O** in a complete electric circuit?

....

c) Mention any **one** form of energy produced by **P** when the circuit is complete.

....

44. a) Write any **two** methods used in administering vaccines to humans.

i) ....

ii) ....

b) Why is it important to store vaccines properly before use?

....

....

c) State the important of Government carrying out regular and compulsory immunization in Uganda.

....

....

45. **Use the table below to match parts of a flower correctly with their functions.**

Parts of a flower	Function
Sepal	- receives pollen grains
Anther	- attracts insects during pollination
Stigma	- protects the flower at bud stage
Petal	- produces pollen grains
	- develops into a fruit after fertilization

i) Sepal ....

....

ii) Anther ....

....

iii) Stigma ....

....

iv) Petal ....

....

37. **_In the space below, draw to show the sketch of a first class lever_.**

38. What advice would you give to a P.7 child affected by constipation?

....

....

39. State any **one** reason why movement is essential to living things.

....

....

40. Of what important is clearing the site and raising the legs of a fainted person lying on a flat ground?

....

....

SECTION A (60marks)

41. a) Write **one** sentence to tell the meaning of *person hygiene*.

....

....

b) Mention any **one** item used in promoting oral health.

....

c) How does the item you mentioned in **(b)** above help to promote oral health?

....

d) State any **one** danger of poor personal hygiene.

....

42. a) Write the **_two_** states of matter that allow heat transfer by convection.

   i) ....

   ii) ....

b) State any **one** difference in units between mass and weight.

....

....

c) Why does heat travel through a vacuum by radiation?

....

....

46. a) Write any *two* human activities that degrade the environment.

i) ....

ii) ....

b) State any *one* example of pollutants.

....

c) State any *one* way of controlling environmental degradation.

....

....

47. a) State any *one* way of making water safe for drinking.

....

b) Name any *one* water borne disease we can get through drinking contaminated water.

....

c) Mention any *one* unseen example of water pollutants.

....

d) Why is it not advisable to take clear water?

....

....

48. a) Name any *one* exotic cattle kept for milk production.

....

b) Mention *two* ways of increasing milk production on a dairy farm.

i) ....

ii) ....

c) Write any *one* product got from milk.

....

49. Given [*eagle, grass, hen, bacteria*]

a) Make a food chain using the items above.

....

b) Identify the producer from the drain food chain in (a) above.

....

c) What happens to the food chain when the grass dies?

....

....

d) State the role of bacteria in the food chain.

....

....

50. **Study the diagram of a science process drawn below and answer questions that follow.**

Cold water
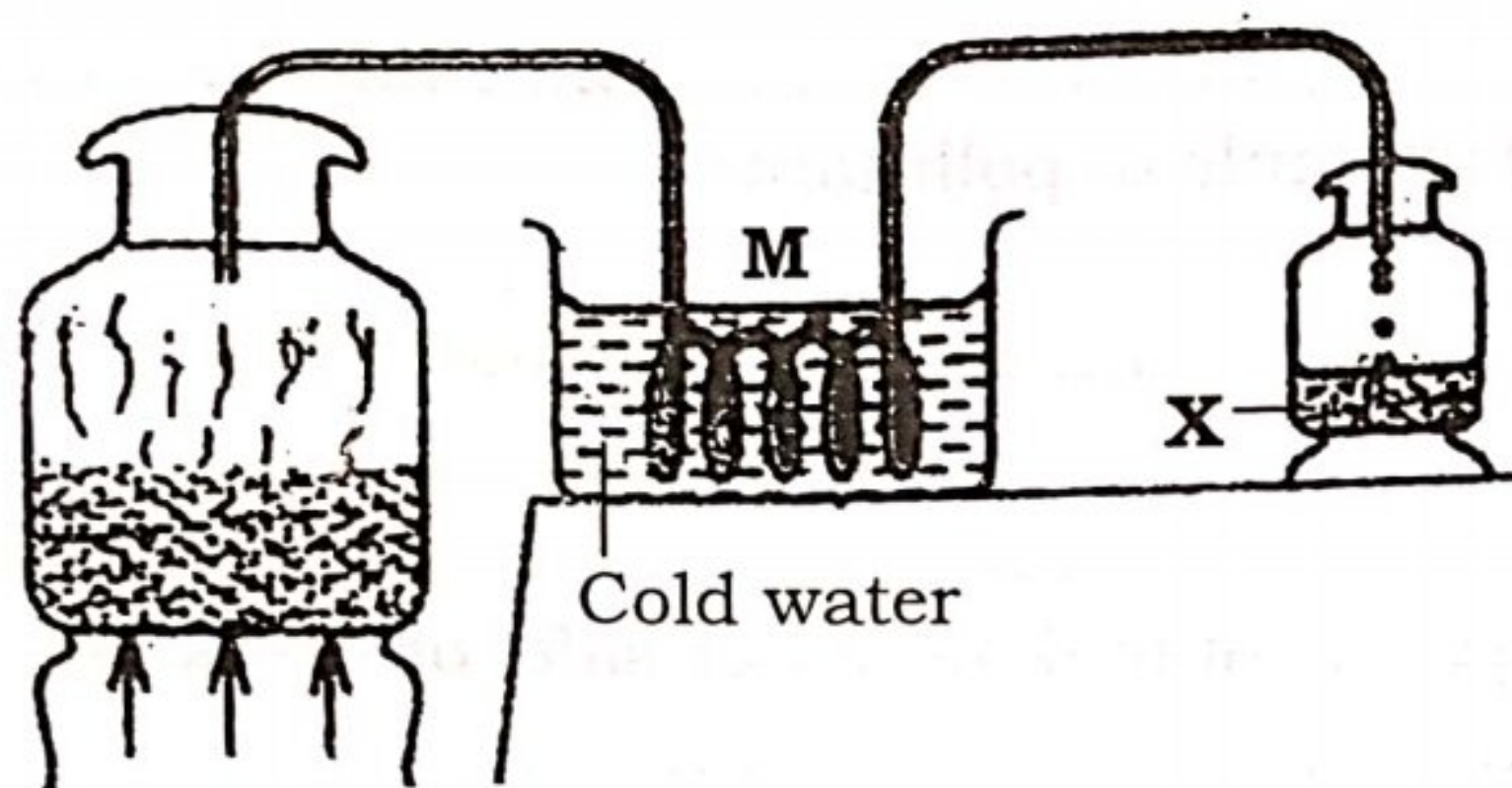
a) Name the method showed in the diagram that used to make alcohol.

....

b) Which type of alcohol is made using the method shown above?

....

....

c) Which process is taking place at **M**?

....

....

d) Which term refers to the substance **X**?

....

....

51. **Use the list of plants given below to answer questions that follow.**

> Maize,   Mosses,   Cedar,   Rice

a) Which plants would you group together in one family?

....

b) Give a reason to support your answer.

....

....

c) Name **two** plants that are seed bearing from the list above.

i) .... ii) ....

d) How do mosses differ from the rest of the plants in the list in their way of reproduction?

....

....

52. **Match the items in list A with those in B correctly.**

List A	List B
Oviduct	- absorption of digested food
Ileum	- diffusion occurs
Cortex	- fertilization takes place
Alveoli	- filtration of blood occurs.

i) Oviduct ....

ii) Ileum ....

iii) Cortex ....

iv) Alveoli ....

53. **The diagram below shows a type of simple machine. Study it carefully and answer questions that follow.**
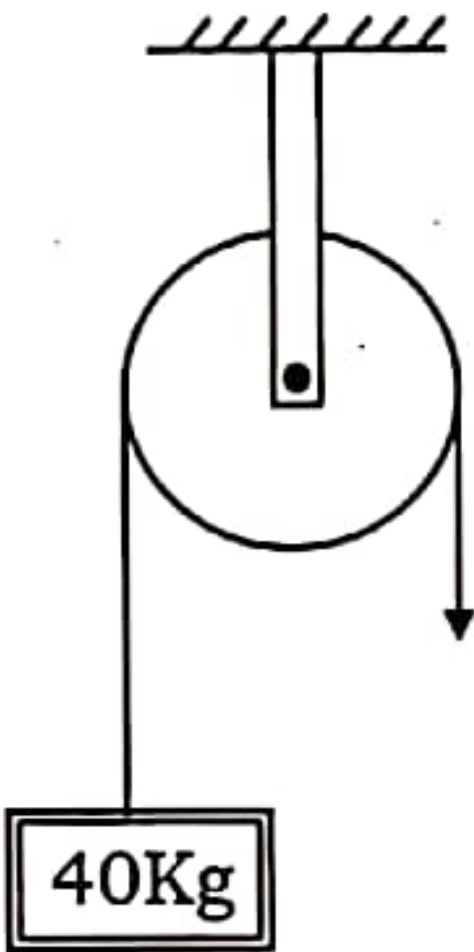
a) Name the type of simple machine.

....

b) Use letter **E** on the diagram to show the effort force.

c) Why is the above machine grouped under first class levers?

....

....

d) State the MA of the simple machine above.

....

54. a) Write the meaning of *sound energy*.

....

....

b) Mention any **one** natural source of sound energy.

....

c) State any **one** way of storing sound energy.

....

....

d) Name any **one** group of musical instruments used to store sound.

....

55. **Below are components of blood. Use them to answer questions that follow:**
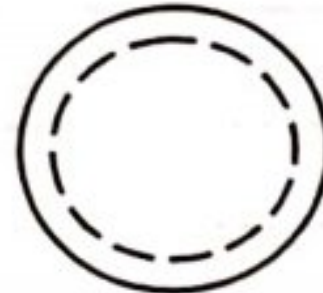
K   L

a) State the structural difference between **K** and **L**

....

....

b) How is blood component **K** important in the human body?

....

....

c) Which blood component is commonly affected by malaria parasites?

....

....

d) State **one** way blood component **K** fights disease germs in the human body.

....

....

*** GOOD LUCK ***