KAMPALA CITY EDUCATION SERVICES

PRIMARY SEVEN EXAMINATION

2026

INTEGRATED SCIENCE

Total mark Score	

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Pupil's Name:.....

Pupil's Signature:.....

District ID No.

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** questions. The paper has **16 printed** Pages.
3. Answer **all** the questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. **All** answers must be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than graphs and diagrams will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot easily be read may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINER'S USE ONLY"** and boxes inside the question paper.

FOR EXAMINER'S USE ONLY		
QN. NO.	**MARKS**	**EXR'S NO.**
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
49 - 50		
51 - 52		
53 - 55		
TOTAL		

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SECTION A: 40 MARKS

Answer **all** *questions in this section*

Questions **1** *to* **40** *carry* **one** *mark each*

1. Name the type of chicken kept for both eggs and meat.

.....

2. State any **one** negative effect of smoking to an individual.

.....

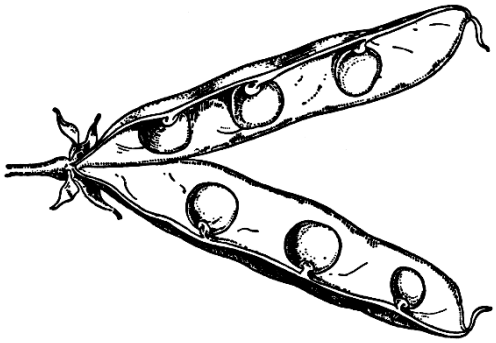
3. Give any **one** way in which soil loses its fertility.

.....

4. Name the form of energy produced by vibration of an object.

.....

The diagram below shows a method of seed dispersal. Study and use it to answer questions **5** and **6**.



5. Identify the method of seed dispersal shown in the above diagram.

.....

6. Mention any **one** plant whose seeds are dispersed through the method shown above.

.....

7. Give the role of the tongue during the process of food digestion.

.....

8. State any **one** role of a School Health Club in promoting sanitation.

.....

The diagram below shows a bird. Use it to answer questions **9** and **10**.



9. Identify the group of birds to which the above bird belong.

.....

10. State any **one** way in which the above bird is useful in the environment.

.....

11. State **one** importance of maintaining proper personal hygiene.

.....

12. State any **one** way of protecting water in the wells from contamination.

……

13. Write **one** sign and symptom of rickets in children.

……

14. Give any **one** way in which natural methods of family planning are better than artificial methods.

……

15. Name the viral immunisable disease of muscular skeletal system.

……

16. Write **one** way of controlling internal parasites in cattle.

……

17. Give the difference between the function of the pulmonary artery and that of pulmonary vein.

……

……

18. Identify the green colouring pigment in plants that traps sunlight during photosynthesis.

……

19. State **one** health problem which is associated with rapid population increase in an area.

……

20. Give **one** importance of the antennae to an insect.

.....

21. State the reason why topsoil is suitable for plant growth.

.....

22. Name the physical process by which dew is formed from the atmosphere.

.....

23. Give the reason why splints are tied on a fractured limb when giving First Aid.

.....

24. Name the element of Primary Health Care (**PHC**) that promotes child spacing among married couples.

.....

25. Mention any **one** energy resource obtained from water sources.

.....

26. Give any **one** advantage of castrating male farm animals.

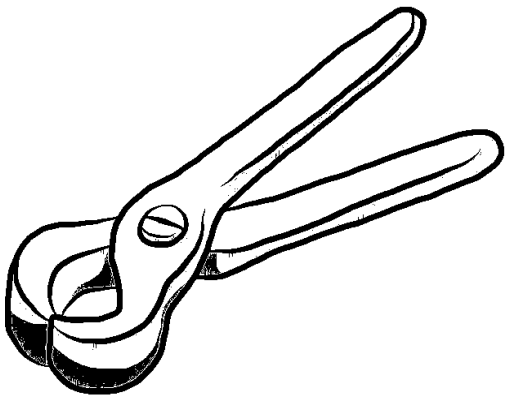
.....

27. Write **one** way in which mulching helps to conserve water in the soil.

.....

.....

The diagram below is of a simple machine. Use it to answer questions **28** and **29**.



28. Identify the class of levers to which the above machine belong.

.....

29. Indicate on the diagram with an arrow and letter **F**, fulcrum of the machine.

.....

30. Give any **one** danger of sharing houses with domestic animals.

.....

31. State **one** reason why seeds may fail to germinate even when all conditions for germination are provided.

.....

32. Write the type of metamorphosis that a butterfly undergoes.

.....

33. State the property of air that enables sucking of drinks through a straw.

.....

34. State how pouring of oil on stagnant water controls the breeding of mosquitoes.

.....

.....

35. State the mode of reproduction in mushrooms.

.....

36. Give any **one** danger of poor disposal of wastes in our environment.

.....

37. State any **one** factor considered by doctors when prescribing drugs to patients.

.....

38. Name the part of the human skeleton that protects the lungs and the heart from mechanical injuries.

.....

39. Give any **one** sign and symptom of coccidiosis infection in rabbits.

.....

40. State the reason why a Ventilated Improved Pit (**VIP**) latrine should not have a lid on the drop hole.

.....

.....

SECTION B: 60 MARKS

Answer **all** *questions in this section*

Questions **41** *to* **55** *carry four marks*

41. (a) Mention any **two** products obtained from milk.

(i) .....

(ii) .....

(b) State any **two** advantages of milking using a machine.

(i) .....

(ii) .....

42. (a) Give any **two** similarities between fish and reptiles.

(i) .....

(ii) .....

(b) State any **two** ways in which reptiles are important to people.

(i) .....

(ii) .....

43. (a) State any **two** causes of anti-social behaviours among children.

(i) .....

(ii) .....

(b) Give **two** ways of controlling anti-social behaviours in children.

(i) .....

(ii) .....

44. (a) State **two** factors which affect the speed of sound.

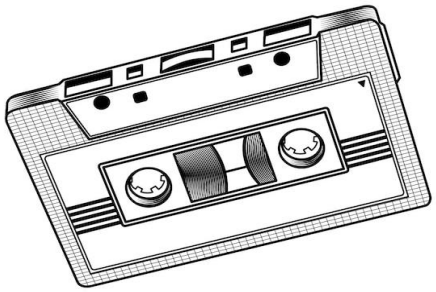
(i) .....

(ii) .....

(b) Give the reason why sound waves do not travel in vacuum.

.....

(c) Identify the method of storing sound where sound is recorded on the device below.



.....

45. (a) Mention **two** examples of stem tuber crops.

(i) .....

(ii) .....

(b) Apart from stem tubers, give any other group of underground stems.

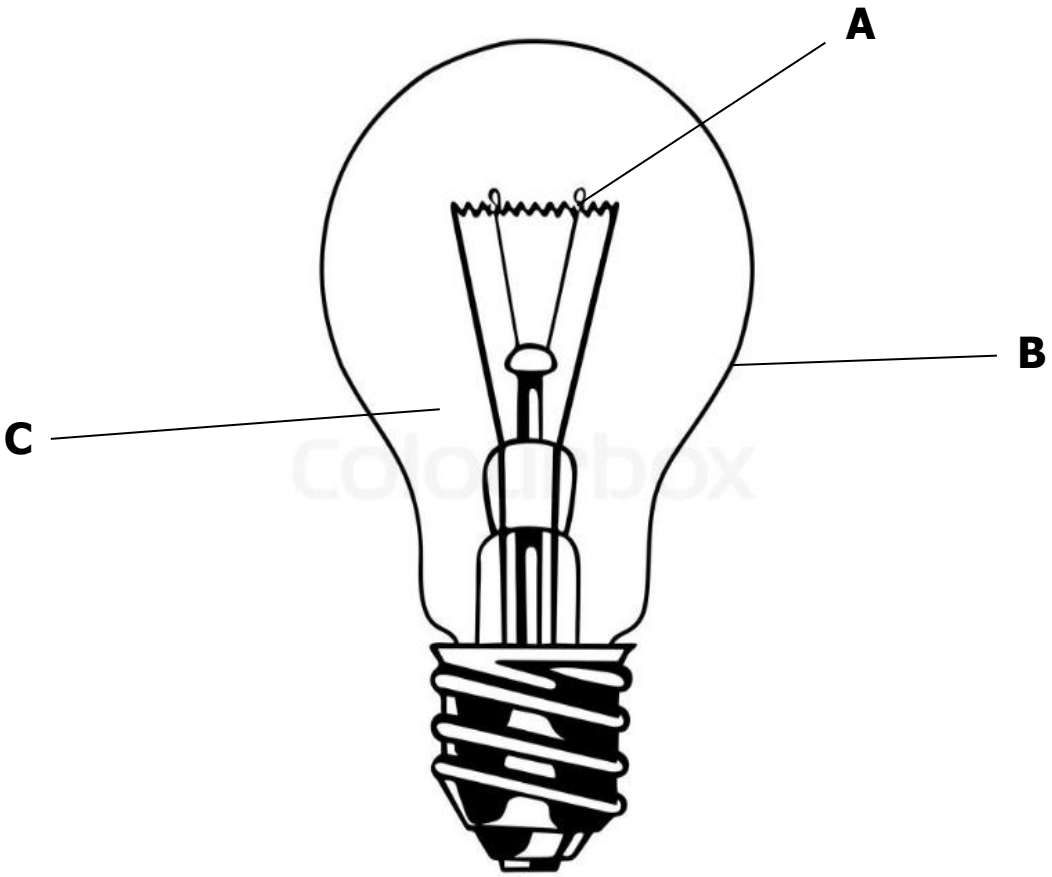
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(c) Give the reason why sugarcane plant is not classified under stem tuber crops.

.....

.....

46. The diagram below is of an electric bulb. Study and use it to answer the questions that follow.



(a) Name **two** inert gases found in the area marked **C**.

(i) .....

(ii) .....

(b) State the energy change which occurs in part marked **A**.

.....

(c) Give **one** reason why the part marked **B** is made of a transparent glass material.

.....

47. Study the table below and use it to match the crop growing activities in list **Q** to their advantages in list **R**.

Q: Activity	**R: Advantage**
mulching	Removes hiding places for crop pests.
staking	Prevents time wastage when planting.
pruning	Keeps water in the soil.
seed selection	Prevents rotting of tomato fruits.

(a) mulching .....

.....

(b) staking .....

.....

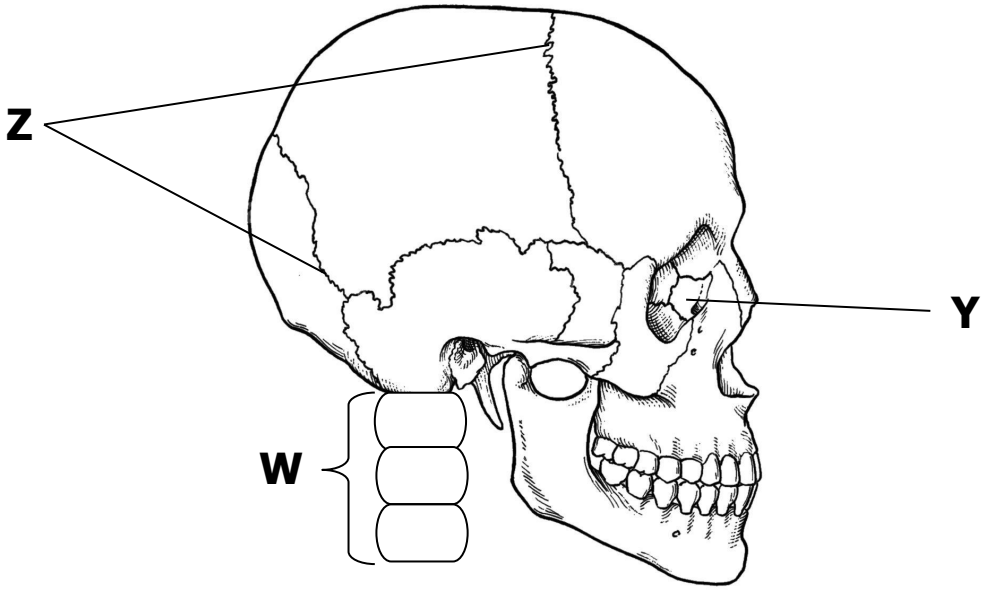
(c) pruning .....

.....

(d) seed selection .....

.....

48. The diagram below shows part of a human skeleton. Study and use it to answer the questions that follow.



(a) Name the part of a human skeleton shown.

.....

(b) Give the function of part marked **Y** on the shown part.

.....

(c) Write **one** way in which joint **W** is different from joint **Z**.

.....

.....

(d) State **one** way of protecting the shown part of human skeleton from mechanical injuries.

.....

.....

49. (a) Give the meaning of the term deficiency diseases.

.....

.....

(b) The table below shows food nutrients, their sources and deficiency diseases. Study and complete it correctly.

Food nutrient	**Source**	**Deficiency disease**
proteins	Eggs	.....
.....	Oranges	Scurvy

(c) Give the most suitable way of protecting oneself against deficiency diseases.

.....

50. (a) Give **two** raw materials used by the human body during respiration.

(i) .....

(ii) .....

(b) Mention any **one** by-product of respiration.

.....

(c) State any **one** way of keeping the lungs in a proper working condition.

.....

51. (a) Apart from transpiration, name any other plant process which occurs in the leaves.

.....

(b) Give any **two** factors which affect the rate of transpiration.

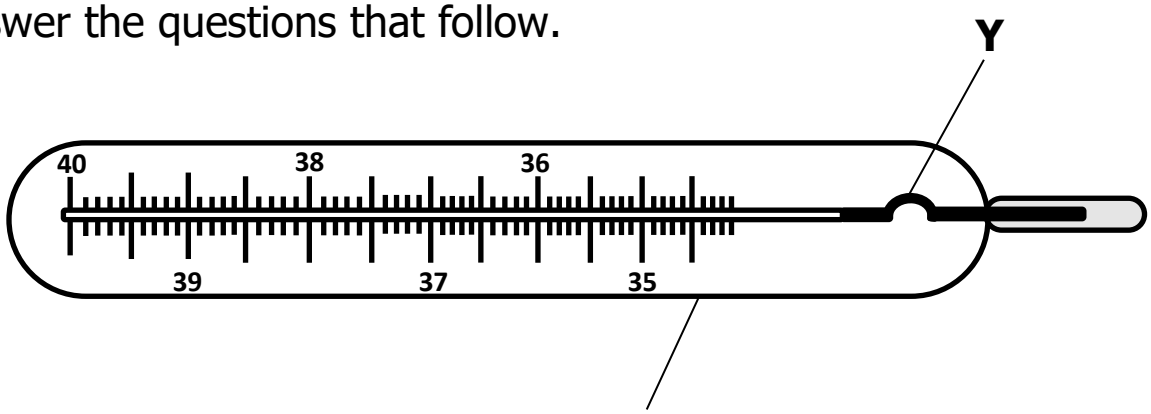
(i) .....

(ii) .....

(c) Give any **one** importance of transpiration to plants.

.....

52. The diagram below is of a clinical thermometer. Study and use it to answer the questions that follow.



(a) Identify the part marked **X**.

.....

(b) State the function of the part marked **Y** in a clinical thermometer.

.....

(c) Give **two** reasons why mercury is preferred to water.

(i) .....

(ii) .....

53. (a) Mention any **two** examples of water pollutants.

(i) .....

(ii) .....

(b) Give the importance of each of the following steps in cleaning clothes;

(i) rinsing .....

.....

(ii) wringing .....

.....

54. (a) Give any **one** importance of conduction of heat to people.

.....

(b) You are provided with a match box, a candle, an iron rod and a piece of wax. Describe how you will use the above materials to demonstrate heat transfer by conduction. (*03 marks*)

.....

.....

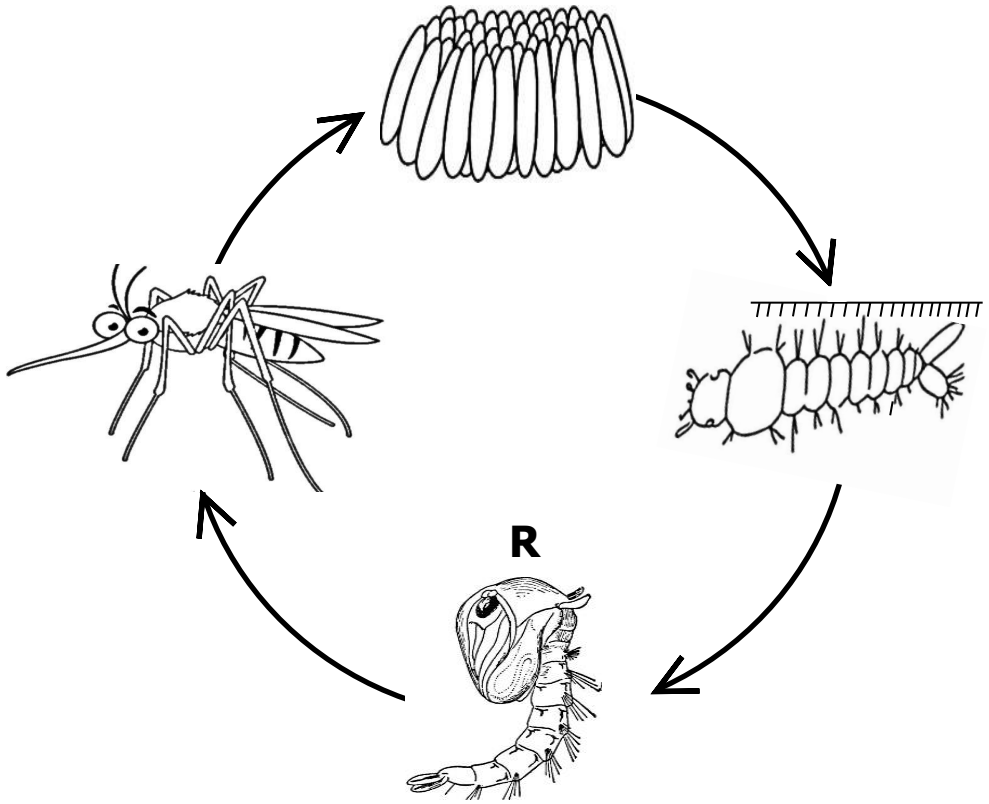
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55. The diagram below shows the life cycle of a type of mosquito. Study it carefully and answer the questions that follow.



(a) Name the stage of the life cycle marked **R**.

.....

(b) Identify the type of mosquito whose life cycle is shown above.

.....

(c) Name the disease that is transmitted by the type of mosquito shown above.

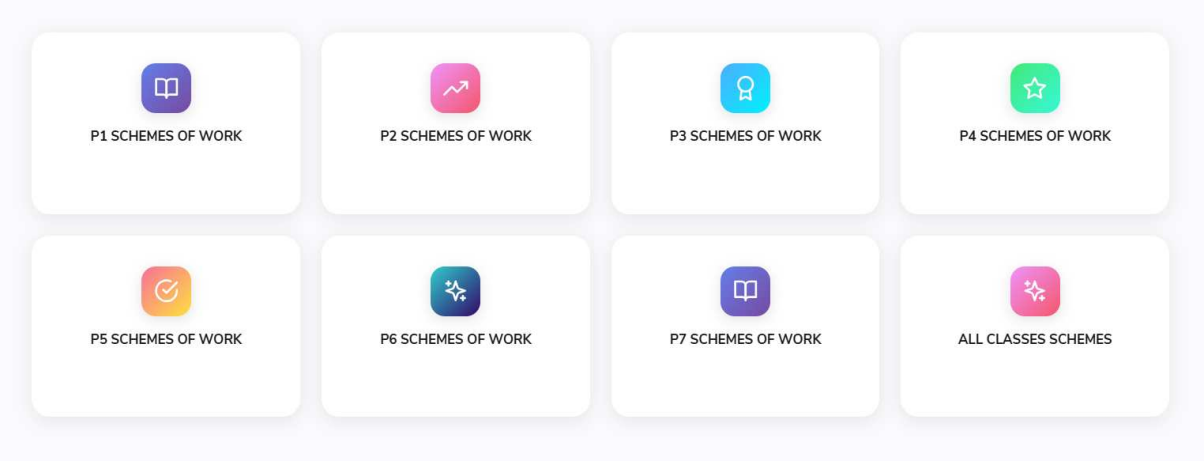
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(d) Give **one** way of controlling the breeding of the above disease vector.

.....

THE END

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