

SIBLA

EDUCATIONAL CONSULTANCY (SEC)–KAMPALA (FORMERLY GLOBE)



P.6 BEGINNING OF TERM I EXAMINATION 2025 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Name:

Stream:

School:

District Name:

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

Read the following instructions carefully:

1. This paper is comprised of two sections **A** and **B**. **Section A** has **40** questions (**40 marks**). Section **B** has **15** questions (**60 marks**)
2. Answer **ALL** questions in both sections **A** and **B**.
3. All answers must be written in the spaces provided in Blue or Black ball point pen or ink. Only diagrams should be drawn in pencil.
4. Unnecessary changes of work and handwriting that cannot easily be read may lead to loss of marks.
5. Do not write anything in the boxes indicated: **"FOR EXAMINERS' USE ONLY"**.

"FOR EXAMINERS' USE ONLY".	
SECTIONS	MARKS
A (Qns 1 - 40)	
B (Qns 41 - 55)	
TOTAL	

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SECTION A: 40 MARKS

1. Give **one** example of a physical change.

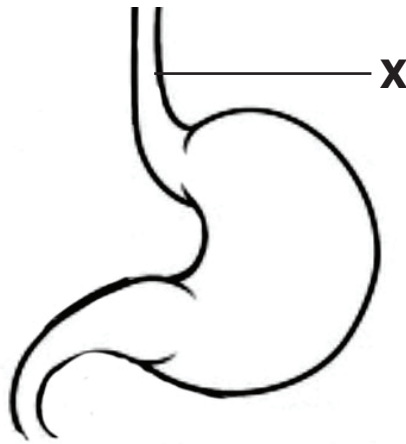
2. Why is a bat regarded as a living thing?

3. State the main role of a drone bee in the bee hive.

4. Mention any **one** breed of rabbits.

5. In which way are butterflies useful to crop farmers?

The diagram below is of a body organ. Use it to answer questions 6 and 7.



6. How does food from the mouth pass through part **X**?

7. State the role of the body organ above.

8. Write down **one** way of controlling bad body smell among pupils.

9. How does overgrazing lead to soil erosion?

10. Give any **one** reason why farmers keep farm records.

11. State the function of hydrochloric acid produced by the stomach walls.

12. Name **one** internal body organ protected by the skull.

13. How is the reproduction of yeast different from that of mushrooms?

14. Give any **one** method of preserving food.

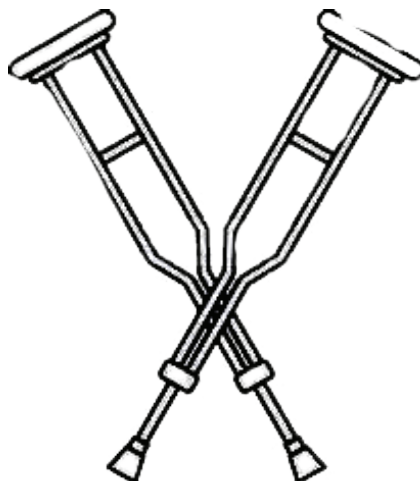
15. Why are electric wires loosely fixed on electric poles during electric installation?

Below is the diagram of a leaf. Use it to answer questions 16 and 17.



16. Name the type of leaf venation shown above.
-
17. To which group of flowering plants does a plant with such a leaf belong?
-
18. Apart from babies, mention **one** other example of vulnerable people.
-
19. Name the animal fibre obtained from Angora goats.
-
20. Where does the digestion of fats and oils begin in humans?
-
21. State the best way of protecting children against kwashiorkor.
-
22. State any **one** danger of moving air to people.
-
23. Why do farmers harvest their crops during the dry season?
-
24. When is BCG vaccine administered to babies?
-

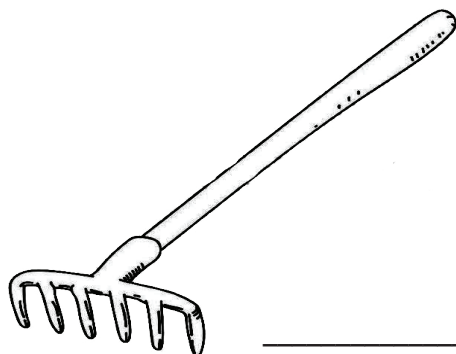
The diagram below is of a first aid tool. Use it to answer questions 25 and 26.



25. Name the first aid tool shown above.
-
26. Identify the type of injury that requires the use of the above first aid tool.
-
27. State **one** way of managing rainy weather.
-
28. Name **one** breed of sheep kept for wool production.
-
29. Why does a stone sink in water?
-
30. How do hookworms enter our bodies?
-
31. Why are rabbit hutches constructed with wire mesh?
-
32. Write down **one** principle of PHC that encourages community members to work together.
-
33. In the space below, draw a male part of a flower.



34. State **one** way of preventing polio in infants.
-
35. Give **one** way of improving soil fertility in the garden.
-
36. Suggest **one** way of caring for the teeth.
-
37. Why is water called a universal solvent?
-
38. How important is the garden tool below?

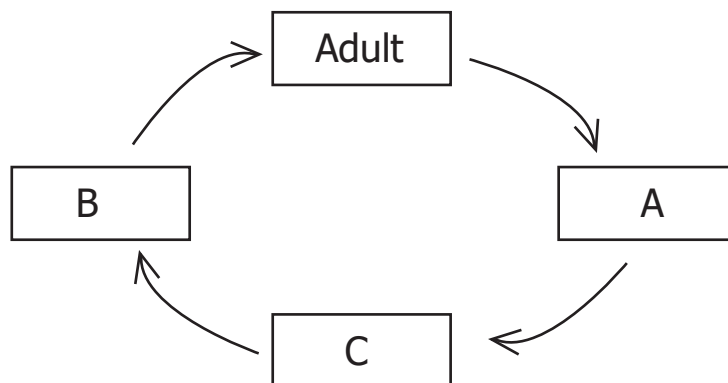


39. How do passion fruit plants benefit from a mango plant?

40. Name the force that brings all the objects to the earth's centre.

SECTION B: 60 MARKS

41. The diagram below shows a life cycle of a housefly. Use it to answer the questions that follow.



a) Name stages marked **B** and **C**.

i) **B** _____

ii) **C** _____

b) How is the adult stage of a housefly dangerous to human life?

c) State **one** way of controlling houseflies at stage **C**.

42. a) Mention **two** methods of heat transfer that allow the movement of molecules.

i) _____ ii) _____

b) State **two** effects of heat loss on matter.

i) _____

ii) _____

43. a) What is dehydration?

b) Give **two** causes of dehydration.

i) _____

ii) _____

c) State any **one** way of caring for a dehydrated patient.

44. a) Name the component of soil that helps plants to manufacture starch.

b) Write down **two** raw materials for making starch in plants.

i) _____ ii) _____

c) Apart from obtaining food, state **one** other way animals benefit during the manufacture of starch.

45. Complete the table below correctly.

Immunisable disease	Signs and symptoms
(i) _____	stiff muscles
Polio	(ii) _____
(iii) _____	sore throat
Measles	(iv) _____

46. a) Write down **two** common accidents that occur at school.

i) _____ ii) _____

b) In which way are accidents dangerous to man?

c) Mention **one** point where children cross a busy road.

47. a) Give any **one** example of the following:

i) stem tubers _____

ii) root tubers _____

b) Why is a sugarcane not regarded as a stem tuber?

c) State **one** way of controlling crop pests in the garden.

48. a) Name the type of bees that develop from unfertilized eggs.

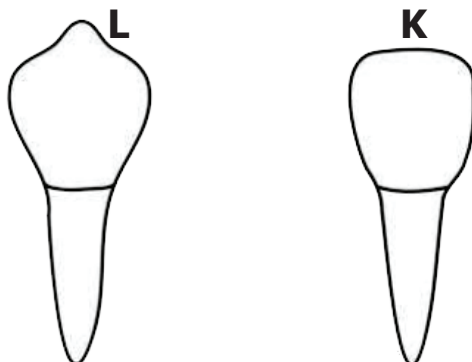
b) Give **two** reasons why bees swarm.

i) _____

ii) _____

c) Name any **one** product of bees.

49. The diagram below is of human teeth. Study them carefully and answer the questions that follow.



a) Name the types of teeth marked **K** and **L**.

i) **K** _____

ii) **L** _____

b) How is tooth marked **L** adapted to its function?

c) Mention any **one** disorder of teeth.

50. a) Give any **two** PIASCY messages.

i) _____

ii) _____

b) State **two** ways primary school going children can safeguard themselves from contracting HIV/ AIDS.

i) _____

ii) _____

51. Match the type of changes below with their examples.

Type of change

Physical change

Biological change

Chemical change

Natural change

Example of change

burning charcoal.

flooding of lowland areas.

burning candle wax.

ripening of fruits.

Correct order.

i) Physical change _____

ii) Biological change _____

iii) Chemical change _____

iv) Natural change _____

52. a) How can **one** acquire natural immunity?

b) Mention **two** vaccines administered to babies at birth.

i) _____ ii) _____

c) Give **one** way of introducing vaccines into the body.

53. a) State **two** processes in which soil is formed.

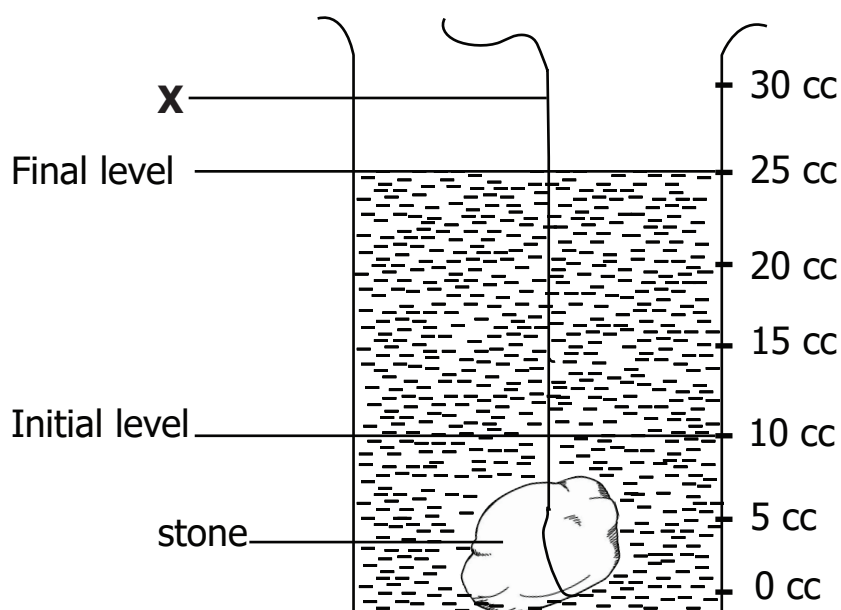
i) _____

ii) _____

b) Identify **one** organism that lives in the soil.

c) Give any **one** way of conserving the soil.

54. The diagram below shows a method used to find the volume of objects. Study it carefully and answer the questions that follow.



- a) Identify the method shown above.
-
- b) State the role of **X** in the experiment above.
-
- c) Calculate the volume of the stone. (2 marks)
-

55. a) What is personal hygiene?

-
- b) State **two** ways of promoting personal hygiene.
- i) _____
- ii) _____
- c) State what is likely to result from poor personal hygiene.
-

END