

SIBLA

EDUCATIONAL CONSULTANCY (SEC)–KAMPALA (FORMERLY GLOBE)



P.5 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. Name the vector that spreads malaria.

2. How is photosynthesis useful to animals?

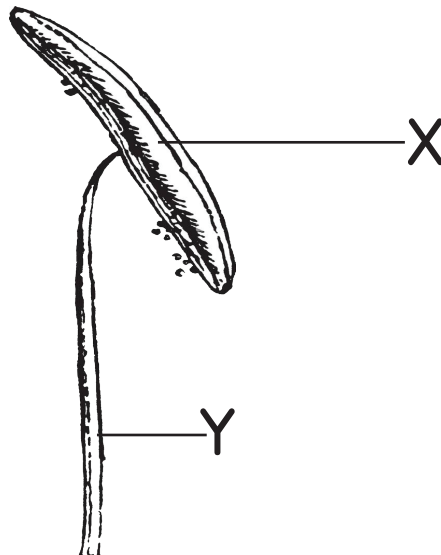
3. State any **one** problem faced by crop farmers.

4. Which component of air supports germination?

5. Why is water called a universal solvent?

6. State any **one** danger of rats in the garden.

The diagram below shows a part of a flower. Use it to answer questions 7 and 8.



7. Name the part marked **Y**.

8. Give the function of part marked **X**.

9. State **one** way in which communicable diseases spread.

10. Which food value helps in giving the body energy?

11. In the space provided below, draw and name a garden tool used for harvesting cereals.

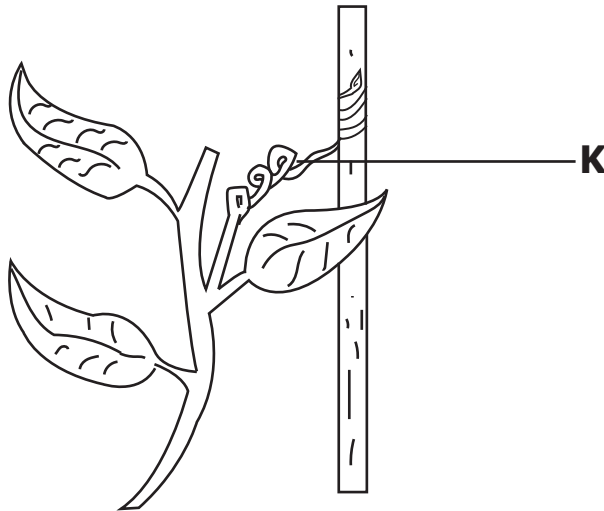
12. Give **one** danger of keeping insecticides in beverage bottles.

13. How can people protect themselves from tape worm infestation?

14. State **one** way in which plants reduce the rate of transpiration.

15. Give **one** way of preparing food at home.

Use the diagram below to answer questions 16 and 17.



16. Name part labelled **K**.

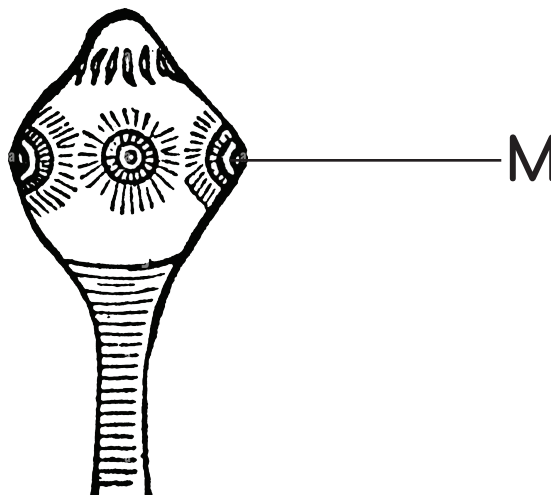
17. Identify **one** plant with such structures marked **K**.

18. Name **one** domestic animal kept at home for pleasure.

19. Why is it important to boil drinking water?

20. Name the sensitive part of the human teeth.
-
21. State **one** danger of sharing a living room with animals.
-
22. Give **one** reason why bees visit flowers.
-
23. Give **one** example of a cereal crop.
-
24. State any **one** way of preventing bad body smell.
-
25. Why do we wash our hands before handling food?
-
26. Mention any **one** mineral salt responsible for the growth of strong bones and teeth.
-
27. Write down **one** way of harvesting root tubers.
-
28. How does a chameleon protect itself from enemies?
-
29. Give any **one** reason why animals move from one place to another.
-
30. Name the body organ that pumps blood to all body parts.
-

The diagram below shows an intestinal worm in humans. Use it to answer questions 31 and 32.



31. State the function of part marked **M** on the above intestinal worm.
-
32. Give any **one** effect of the above intestinal worm.
-
33. Which advice would you give to a parent whose baby has the following signs: potbelly, brown hair and a swollen moon face?
-
-

34. State **one** way of controlling food contamination.

35. Mention **one** example of a root vegetable.

36. Write ORS in full.

37. Why is a spider not grouped under insects?

38. How can **one** maintain the proper functioning of body organs?

39. Give the importance of wind to a crop farmer.

40. Why do farmers rear rabbits?

SECTION B: 60 MARKS

41. a) What are vectors?

b) Write down **two** examples of disease vectors.

i) _____

ii) _____

c) Suggest **one** way of controlling communicable diseases.

42. a) Write down **two** causes of dehydration.

i) _____

ii) _____

b) Give any **two** signs of dehydration.

i) _____

ii) _____

43. a) Write down any **one** way non-flowering plants reproduce.

b) Give **two** examples of non-flowering plants.

i) _____

ii) _____

c) State **one** way non-flowering plants are important to people.

44. a) Give any **one** way soil may be useful to the following:

i) plants; _____

ii) earthworms; _____

b) Which component of soil is needed by plants to make starch.

c) How do earthworms aerate the soil?

45. a) Give **one** reason why people eat food.

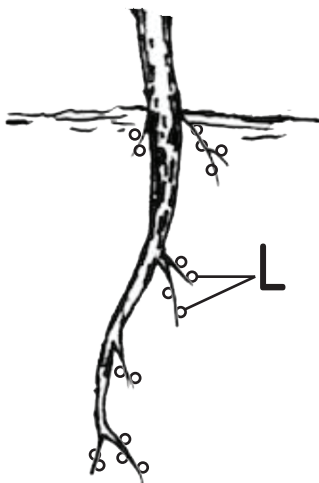
b) Which class of food is mostly needed by athletes?

c) Give **two** signs of poor feeding among babies.

i) _____

ii) _____

46. The diagram below shows a root system. Use it to answer the questions that follow.



a) Name the type of root system shown above.

b) How are structures marked **L** important to the soil?

c) Give **two** examples of plants with such root system.

i) _____

ii) _____

47. a) How are shadows formed?

b) At what time of the day is the shadow shortest?

c) Give **two** importance of shadows.

i) _____

ii) _____

48. a) Name the type of teeth used for!

i) cutting food. _____

ii) chewing food. _____

b) State any **one** way of caring for teeth.

c) Mention any **one** disease of the teeth.

49. a) Write down **two** types of pollination.

i) _____

ii) _____

b) Mention **one** agent that pollinates highly scented flowers.

c) Give **one** characteristic of insect pollinated flowers.

50. Match the following body organs to their correct function.

Body organ

Function

Heart

storing bile juice.

Brain

pumping blood.

Kidney

storing information.

Gall bladder

filtering blood.

Correct order.

a) Heart _____

b) Brain _____

c) Kidney _____

d) Gall bladder _____

51. a) What name is given to manufactured feeds of rabbits?

b) Why are rabbit hutches constructed with wire mesh?

c) Mention **two** diseases of rabbits.

i) _____

ii) _____

52. a) Which system of a flowering plant develops from the radicle?

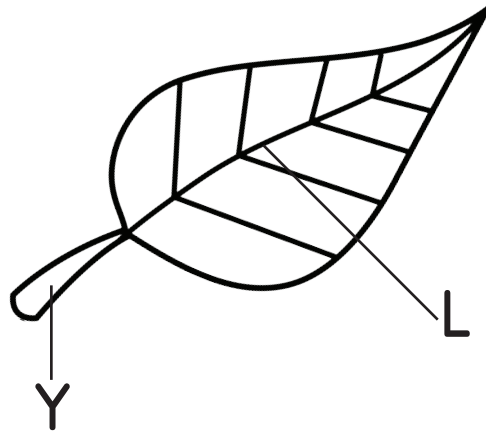
b) State the function of each of the following parts of a germinating maize grain:

i) endosperm. _____

ii) cotyledon. _____

c) Mention **one** factor that can fail a seed to germinate under favourable conditions.

53. The diagram below is of a leaf. Use it to answer the questions that follow.



a) Name parts labelled **Y** and **L**.

b) Name the type of leaf venation shown above.

c) Identify any **one** crop pest that attacks the above part of a plant.

54. a) Define the term "accident".

b) Write down **two** common accidents that happen in the kitchen.

i) _____

ii) _____

c) Mention **one** way of controlling accidents at home.

55. a) Mention **two** communicable diseases that spread through insect bites.

i) _____

ii) _____

b) Name the instrument used by doctors to see germs.

c) Write down any **one** type of germ.

END