KOLFRAM EDUCATIONAL SERVICES KAMPALA

TERM ONE EXAMINATIONS 2023

PRIMARY FIVE

INTEGRATED SCIENCE

***Time allowed: 2** hours 15 minutes*

CANDIDATE'S NAME: _____

SCHOOL CODE: _____

SCHOOL RANDOM NUMBER: _____

INDEX NUMBER: _____

Read and follow these instructions carefully:

1. The paper has **two** sections: A and B.
2. Section A has 40 questions (40marks)
3. Section B has 15 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink.
6. Diagrams should be drawn in pencil.
7. Unnecessary crossing of work may lead to loss of marks.
8. Any handwriting that cannot be easily read may lead to loss of marks.
9. Do not fill anything in the boxes indicated; For Examiner's use only.

FOR EXAMINERS USE ONLY		
QN. NUMBER	MARKS	EXAMINER'S INITIAL
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

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Turn over

SECTION A (50 marks)

SECTION A

1. Name the sense organ that is attacked by trachoma.

_____

2. Give **one** result of the sun's heat on a lake.

_____

3. What happens when light meets an opaque object?

_____

4. Mention the vector for malaria.

_____

5. Why is sand soil not good for growing crops?

_____

6. Give **one** duty of a drone bee in a hive.

_____

7. Why does a coin sink in a basin full of water?

_____

8. Name the hardest part of a tooth.

_____

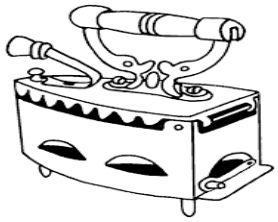
9. Where in man does digestion of food begin?

_____

10. Which element of weather gives us solar energy?

_____

The diagram below is of an item used at home. Use it to answer questions 11 and 12.



11. Name item shown above.

_____

12. Give **one** importance of the above item in promoting personal hygiene.

_____

13. Why is a clinical thermometer important in a hospital?

_____

14. State **one** reason why some plants climb others.

_____

15. How useful is a lateral line to a fish?

_____

16. Name the clouds that are furthest away from the ground.

_____

17. State the importance of keeping fingernails short.

_____

18. Name **one** immunisable waterborne disease that affects bones.

_____

19. Why is a mushroom unable to make its own food?

_____

20. Why is a patient who is suffering from diarrhoea advised to drink a lot of water?

_____

21. State **one** human activity that degrades the environment.

_____

22. Give **one** traditional way of preserving meat.

_____

23. What will happen to a metal bar that is left outside on a hot day?

_____

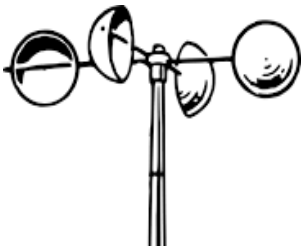
24. Which part of the eye controls the amount of light entering the eye?

_____

25. In which part of an Irish potato plant is food stored?

_____

The diagram below shows a weather instrument. Use it to answer question 26 and 27.



26. State the use of the weather instrument shown above.

_____

27. State the aspect of wind measured using the above instrument.

_____

_____

28. What is the use of a kidney in the human body?

_____

29. Mention the teeth which man uses to tear a hard piece of meat.

_____

30. State **one** way you can prevent your body from bad odour.

_____

31. Give **one** reason why people need to eat posho.

_____

The diagram below shows an organism. Use it to answer questions 32 and 33.

32. Name the organism shown in the diagram.

_____

33. Why is the organism above able to pollinate flowers at night?

_____

_____

34. In which season can cholera easily break out?

_____

35. State **one** cause of scalds in a home.

_____

36. What is a simple fracture?

_____

37. What name is given to the group of young rabbits born at the same time by one doe?

_____

38. How important is a broom in a home?

_____

39. Mention any **one** example of mineral salts needed in the body.

_____

40. Which disease is spread by infected foxes and cats in a community?

_____

SECTION B (60 marks)
(Questions in this section carry 4 marks each)

41. Match the vector in P to the diseases it spreads in Q.

	VECTOR (P)	DISEASE (Q)
(i)	Housefly	elephantiasis
(ii)	Culex mosquito	bilharzias
(iii)	Tsetse fly	typhoid
(iv)	Water snail	plague
		sleeping sickness

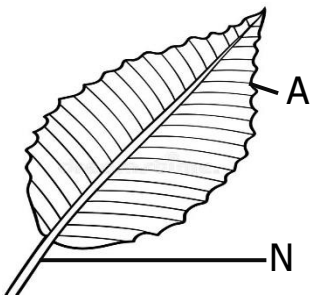
(i) Housefly _____
(ii) culex mosquito _____
(iii)Tsetse fly _____
(iv)Water snail _____

42 (a) What is a habitat?

_____
_____

(b) Identify the habitat for each of the animal below.
(i) spider _____
(ii) fish _____
(iii) lion _____

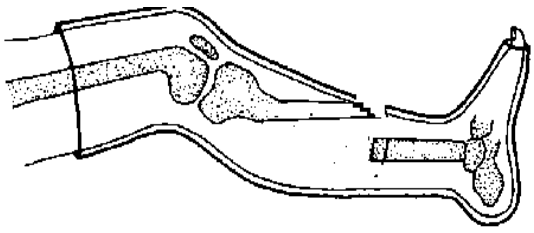
43. **The diagram below shows parts of a leaf. Study it carefully and answer the questions that follow.**



(a) Name the parts marked with letters **A** and **N**.
(i) **A** _____
(ii) **N** _____
(b) Which gas enters the leaf through the stomata?
_____
(c) State the function of a midrib to the leaf.
_____
_____

44 (a) Give **one** example of each type of crop below.
(i) cereals _____
(ii) legumes _____
(b) State **two** reasons why people grow crops.
(i) _____
(ii) _____

45. **Study the diagram of a human leg below and use it to answer questions that follow.**



(a) Name the type of fracture shown above.
_____
(b) Mention any **one** type of fractures apart from the above mentioned one.
_____

(c) State any **one** cause of fracture.

_____

(d) Why do we give first aid to the fracture casualty?

_____

46a) Mention **two** elements of weather.

(i) _____

(ii) _____

(b) In which kind of weather should people wear sweaters?

_____

(c) Name the weather instrument used to measure rainfall.

_____

47 a) What is balanced diet?

_____

_____

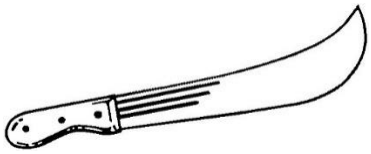
(b) State the food values obtained from the following foods:-

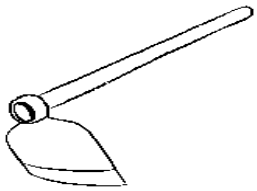
(i) cassava _____

(ii) apples _____

(iii) fish_____ _____ _____

48 a) Name the following garden tools.





_____ _____

(b) How can a farmer prevent the above tools from rusting?

_____

(c) Give any **one** condition necessary for rusting on garden tools to take place.

_____

49 (a) Name the body organ that is protected by the skull (cranium)

_____

(b) State any **two** uses of the organ you have named above.

(i) _____

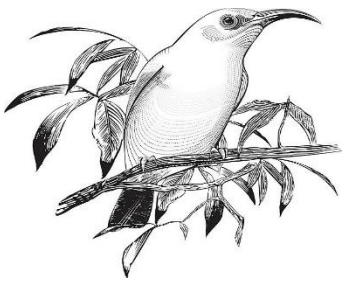
(ii) _____

(c) Give any **one** way of keeping the organ named in (a) above in good working condition.

_____

_____

50. **The picture below shows a living organism. Use it to answer questions that follow.**



(a) Name the pollinator shown above.

_____

(b) Give **two** ways in which the above bird benefits from the plants.

(i) _____

(ii)_____

(c) Mention **one** way in which some plants benefit from the bird above.

_____

51 (a) Give **two** reasons why we brush our teeth.

(i) _____

(ii) _____

(b) Give **two** ways in which teeth are important to a person.

(i) _____

(ii) _____

52 (a) Mention **two** natural sources of energy.

(i) _____

(ii) _____

(b) What are fuels?

_____

_____

(c) Give any **one** example of a fuel.

_____

53. (a) What are weeds?

_____

(b) State **two** ways in which weeds are useful to the farmers.

(i) _____

(ii) _____

(c) Mention **one** danger of weeds in the garden.

_____

54 (a) On which part of an insect do you find spiracles?

_____

(b) Give the function of each part of an insect below.

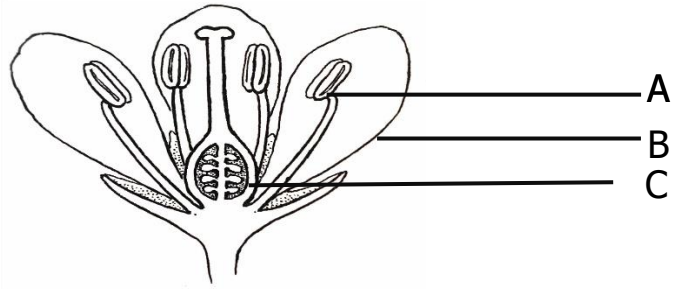
(i) antennae _____

(ii) wings _____

(c) Name any **one** useful insect to man.

_____

55. **Study the diagram below and answer the questions that follow.**



(a) Name the part of a flower marked with letter: **A** and **B**.

(i) A_____

(ii) B_____

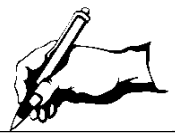
(b) Name the process which take place in part marked with letter **C**.

_____

(c) State **one** use of flowers to the plants.

_____

*****GOOD LUCK*****



Examination writing tip

Read the question thoroughly, interpret the question demand and then be straight forward in your answer. Follow the instructions strictly.