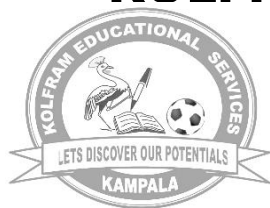


KOLFRAM EDUCATIONAL SERVICES KAMPALA



MID TERM ONE EXAMINATIONS 2023

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

CANDIDATE'S NAME: _____

SIGNATURE: _____

SCHOOL RANDOM NUMBER: _____

INDEX NUMBER

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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

1. Name the body organ that is sensitive to sound.

2. Give one example of a reptile that can camouflage.

3. Heat is a very important form of energy. Identify the unit in which it is measured.

4. Give the property of air that enables us to suck soda from a bottle using a straw.

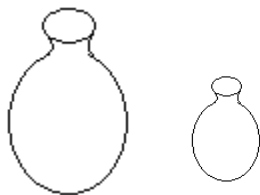
5. State any **one** reason why dairy farmers prefer Friesian cows to other breeds.

6. Name the garden tool farmers use for harvesting millet.

7. Mention any **one** state of matter in which poison exists..

8. What is food poisoning as used in health education?

9. **The diagrams show common utensils at home. Use them to answer question 9.**



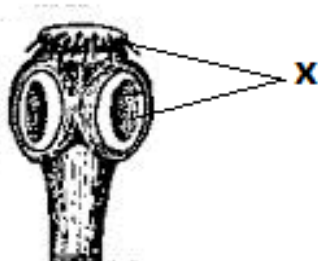
From which raw material are the utensils above made?

10. Give any **one** similarity between birds and people.

11. Identify any **one** method you would use to control pests such as rats at home.
-
-
12. The lungs are the main organs of the respiratory system. Give any one habit that may put them in danger.
-
-
13. Briefly define the term blood circulation .
-
-
14. Write down **one** economic value of plants to people in your community.
-
-
15. Identify **one** practice that harms cattle and other animals at home.
-
-
16. Electricity can be a good servant but a bad master when it shocks you. Give the first aid for electric shock.
-
-
17. Maria threw a stone high in the sky. After a while, the stone fell down on the ground. Why?
-
-
18. Identify any one possible danger of plants in our environment.
-
-
19. Give any one reason why people in urban areas prefer deep-litter system of keeping poultry to other methods.
-
-
20. State any one role NEMA plays in Uganda today.
-
-
21. Immunisation is the introduction of vaccines into the body to boost immunity. Name the vaccine that is administered to babies through a body opening.
-
-

22. State **one** difference between arteries and veins.

23. The diagram below shows an intestinal worm. Use it to answer the question.



What name is given to part labelled X.

24. Family planning is the use of birth control methods to decide when to have and when not to have a child in a family. Give any one method of family planning.

25. Convert 10°C to $^{\circ}\text{F}$.

26. Identify any one disorder of the digestive system.

27. How would you tell by merely looking at a child's watery stool that she/he has dysentery?

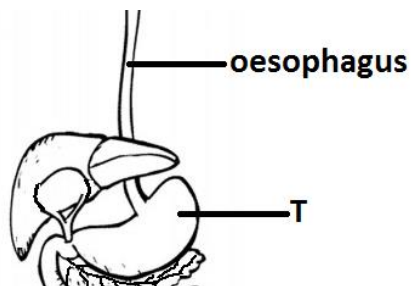
28. State any **one** way in which non-living things benefit from living things.

29. State any **one** effect of heat on solid.

30. Mention any **one** group of people with special needs in your community.

31. Write down any **one** method of preserving milk at home.

32. The diagram below shows part of the human digestive system.



Give the use of part labelled T.

33. Describe any **one** effect of pests and diseases on tuber crops.

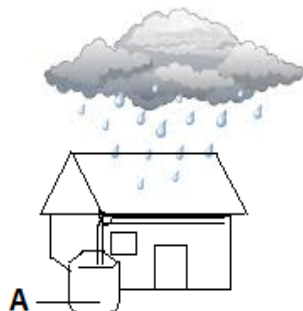
34. Apart from a mushroom, give **one** other example of fungi.

35. Give **one** disadvantage of bottle feeding.

36. Identify any **one** natural cause of changes in the environment.

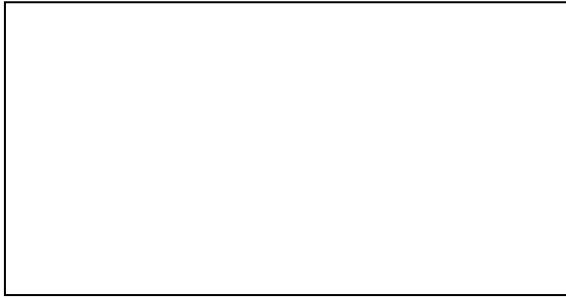
37. Write down **one** main cause of teenage pregnancies during COVID 19 lockdown.

38. The diagram below shows a common practice done at home during the rainy season.



Give any **one** use of the material collected in Pot A above.

39. In the space provided below, draw a foot of a swimming bird.



40. Why is it advisable to cover your mouth with a handkerchief when coughing or sneezing?

SECTION B

41. a) Name any **one** practice that we can do to keep our bodies clean and healthy.

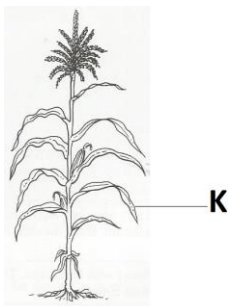
b) State any **two** materials that can be used in carrying out the practice you have named in (a) above.

i) _____

ii) _____

c) Identify any **one** danger of not carrying out the practice in (a) above.

42. The diagram below shows a flowering plant.



a) Give the use of part **K** to people.

b) What type of roots does the plant above have?

c) State any **two** ways in which people at home may prepare food from the above plant for eating.

i) _____

ii) _____

42. a) Give any **two** effects of HIV/AIDS on an individual.

i) _____

ii) _____

b) State any **one** major step that people must take before getting married if they are to control the spread of HIV/AIDS.

.44. a) Give **one** example of each of the following insects;

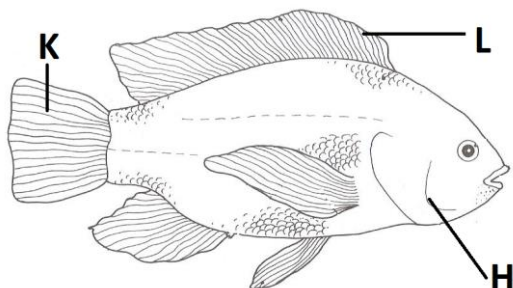
i) those which move in groups. _____

ii) that that sting _____

iii) those that do not have wings _____

b) State any one way in which people can care for insects.

45. The diagram below shows a fish. Use it to answer questions.



a) Which organ of the fish is protected by structure marked H?

b) Name the part marked L.

c) In which way is part labelled K useful to the above animal?

d) Why is the above animal able to live in water?

46.a) Charles comes from a family of alcoholics. State two possible problems he is likely to face at home.

i) _____

ii) _____

b) How can he avoid the behavior of his people at home?

d) State any **one** myth and misconception that alcoholics give for their habit.

47. Give one use of each of the following sources of energy in our community.

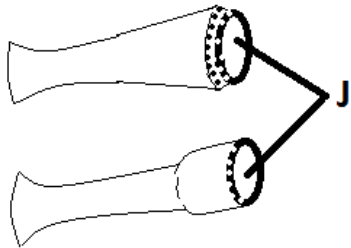
i) Diesel _____

ii) Kerosene _____

iii) Charcoal _____

iv) Hydroelectricity _____

48. The diagram below shows musical instruments.



a) Name the instruments above.

b) Identify the animal from which part J is made.

c) State any **two** cultural activities at which the above instrument is played.

i) _____

ii) _____

49. a) Name the main organ for breathing.

b) Write down any **one** disease that affects the organ named above.

c) State any **two** possible ways of keeping the above organ in good working conditions.

i) _____

ii) _____

50. a) State **one** common method of preparing clean and safe water for drinking.

b) Arrange the following steps of cleaning clothes in the right order; drying , washing, soaking, rinsing, sorting, ironing and wringing.

c) Identify any two common water impurities.

i) _____

ii) _____

51. a) What are anti-social behaviors?

b) Sexual deviation is a common antisocial behavior today. Give any **two** examples of sexual deviations.

i) _____

ii) _____

c) State any **one** way of avoiding sexual deviations.

52. The diagram below shows a habitat for animals.



a) Name the habitat.

b) Identify any two animals that live in the habitat above.

i) _____

ii) _____

c) How dangerous can such a habitat be to farmers whose gardens are near it?

53. a) Write the following abbreviation in full.

i) VIP.....

ii) ECOSAN.....

b) State any two ways you can keep a water built toilet clean.

i) _____

ii) _____

54. The diagram below shows an animal product.



a) Name it.

b) Identify any **two** animals at home that can produce it.

i) _____

ii) _____

c) Why should you encourage the farmer to include the above product in his/her children's diet?

55. a) The 5Rs of waste management are commonly used today in our community. Identify any two of them.

i) _____

ii) _____

b) Give any one example of each of the following wastes in the environment.

i) Biodegradable (rotting) wastes

i) Non-biodegradable (non-rotting) wastes.
