

KOLFRAM EDUCATIONAL SERVICES KAMPALA



MID TERM ONE EXAMINATION SET III MARCH EXAMINATION 2023 PRIMARY SEVEN INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number

Random number

Personal No.

Candidate's Name:

Candidate's Signature:

School Random No.

District ID:

Read and follow these instructions carefully:

1. Do not write your **school** or **district name** anywhere on the paper.
2. This paper has **two** sections: **A** and **B**. Section A has **40** questions (50marks) and Section B has **5** questions (50 marks). The paper has **8** printed pages.
3. Answer **ALL** 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. Diagrams should be drawn in pencil.
5. Unnecessary crossing of work and any handwriting that cannot be easily read may lead to loss of marks.
6. 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		
44-45		
46- 48		
49-50		
51- 53		
54- 55		
TOTAL		

Turn over

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SECTION A

1. Of what importance are sanction pads to the geckoes?

2. Give any **one** use of soil to man apart from growing crops.

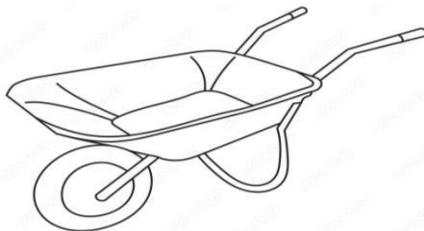
3. Name the type of energy possessed by a rolling ball.

4. What is the difference between arteries and veins in terms of functions?

5. Why are handles of a flat iron box made of wood?

6. What main characteristic qualifies a bat to be called a mammal?

7. **The diagram below is of a garden tool.**



State the use of the garden tool shown above.

8. Give **one** importance of physical exercises to school children.

9. Why is it dangerous to leave the hole of a pit latrine open?

10. Give **one** advantage of insulating electric wires.

11. Give the main reason why adults should eat food containing proteins.

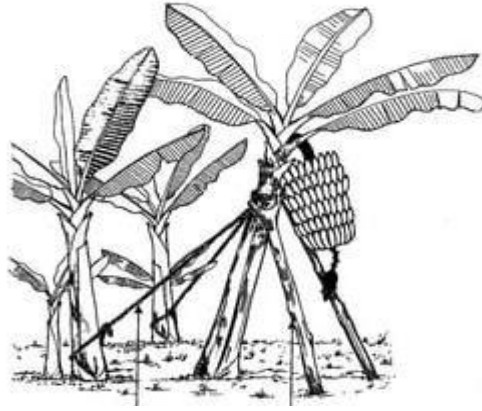
12. What process is given to the movement of paraffin up a wick of a candle?

13. The 5 R's are ways of waste management. Name any **one** of the 5 R's.

14. Give **one** traditional way of preserving fish.

15. By what method is wool extracted from sheep?

The diagram below shows a staked banana plant. Use it to answer questions 15-16.



16. Name the method of staking shown above?

17. State **one** reason why farmers carry out staking.

18. How is the lifecycle of a tsetse fly different from that of a housefly?

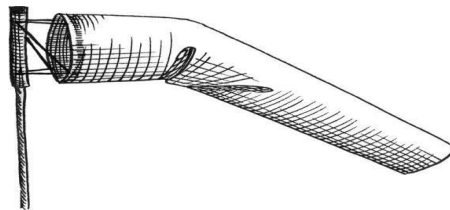
19. Why is it important to wash hands first before starting to prepare ORS?

20. By what process does smoke from burning wood move upwards?

21. Why is water not used in a thermometer?

22. Name any one disease that can be treated without using a drug.

The diagram below is of a weather instrument. Study it carefully and answer question 23



23. State the aspect of wind recorded using the instrument above.

24. What scientific term is used to describe a person who cannot differentiate colours?

25. Give **one** sign of gonorrhoea.

26. What name is given to unwanted plants in a garden?

27. Give a reason to show that a cow and a maize plant depend on one another.

28. Give **one** cultural practice that promotes the spread of AIDS.

29. Which process is used to obtain water from ice?

30. Name the poisonous substance injected by snakes to weaken their enemies.

31. Wind pollinated flowers produce too many pollen grains. What is the advantage of this to the plant?

32. Why does the air we breathe out contain more carbon dioxide than the air we breathe in?

33. In an electro magnet, how can the strength of the magnet be increased?

34. Why are sugary foods dangerous to our teeth?

35. Give **one** reason why bees swarm.

36. Name the type of blood carried by the vena cava.

37. Isaac has 6 dry cells in his radio. How many volts does his radio use?

38. Which type of birds are commonly seen near abattoirs?

39. Give any **one** advantage of paddock system of grazing.

40. Why is a book regarded as a non-living thing?

SECTION B

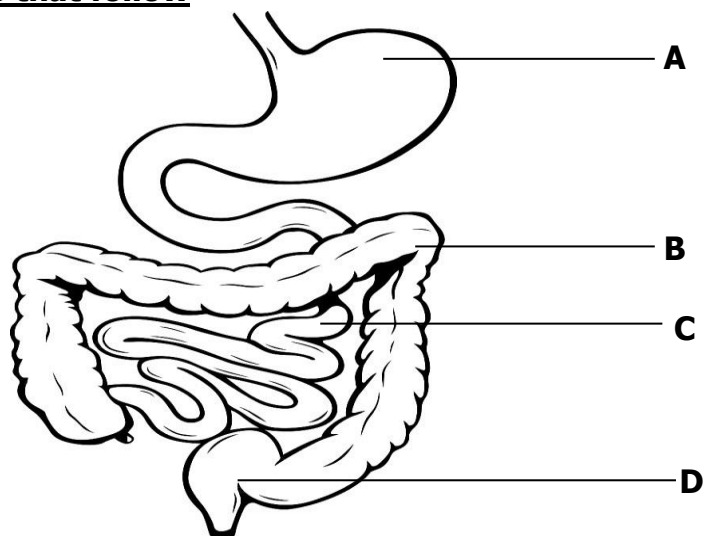
- 41a) State the difference between a resource and an energy resource.

- (b) Which energy resource is used for preservation of food and photosynthesis?

- (c) Give **one** advantage of wind as a source of energy.

- (d) What resource is used in the generation of hydro-electricity?

42. The diagram below shows the alimentary canal of man. Use it to answer questions that follow



(a) Name the part marked with letter **A** and **C**.

A _____
C _____

(b) State the main process that takes place at **B**.

(c) Name **one** enzyme produced by part **A**.

43. The skin is an organ with the largest surface area in human beings.

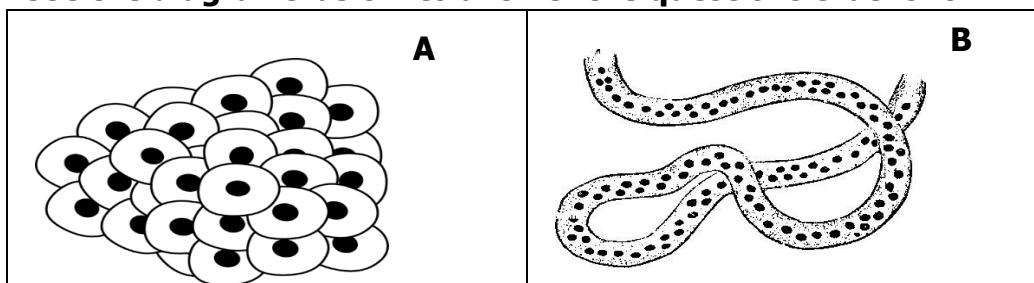
(a) Give any **two** functions of the skin.

(i) _____
(ii) _____

(b) State the main role of sweat glands found in the skin.

(c) Name any **one** health lifestyle that can promote proper functioning of the skin.

44. **Use the diagrams below to answer the questions that follow.**



a) Name the animal which lay the eggs marked with letter **A**.

b) Why are the eggs above covered with jelly like substances?

c) Apart from frogs and toads, state any other **one** example of amphibians.

d) state the difference between the eggs of animals A and that of B.

45a) Name any **two** factors you consider when selecting a site for a school garden.

(i) _____

(ii) _____

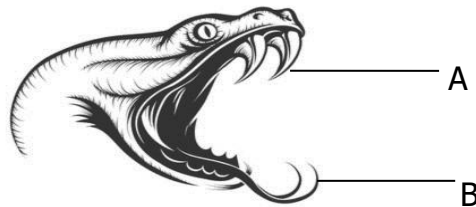
(b) Apart from getting food, how else do pupils benefit from a school garden?

(c) Name any **one** crop that is first planted in a nursery bed.

46. Complete the table below by filling in the blank spaces correctly

	Age of child	Vaccine	Disease
(a)			Tuberculosis
(b)	At birth		Polio
(c)	14 weeks	DPT	

47. Below is the head of a puff adder. Use it to answer the questions that follow.



a) Name the type of snake shown above.

b) Name the part marked with the letter B.

c) State the importance of part marked with letter **A** to the type of snake shown above.

d) How is a puff adder different from all other snakes?

48 (a) Give **one** example of a garden tool you know.

(b) Mention **two** conditions that are needed for a metal to rust.

(i) _____

(ii) _____

(c) Outline any **one** way we can prevent metals from rusting.

49a) Give **two** ways by which food gets contaminated.

(i) _____

(ii) _____

(b) Suggest **two** ways of controlling food contamination.

(i) _____

(ii) _____

50. Describe the processes you would carry out to recover salt that has got mixed with sand.

- i) _____
- ii) _____
- iii) _____
- iv) _____

51a) What is a weed?

(b) Give **two** ways in which weeds affect the growth of crops.

- (i) _____
- (ii) _____

(c) Suggest **one** way of controlling weeds apart from weeding.

52a) What is family planning?

(b) How does breastfeeding help in family planning?

(c) Name **two** types of families.

- i) _____
- ii) _____

53a) What is drug abuse?

(b) Give **two** reasons why people usually abuse drugs.

- (i) _____
- (ii) _____

(c) Give **one** effect of drug dependence to a society.

54a) What is budgeting?

(b) Give **two** advantages of budgeting to a family.

- (i) _____
- (ii) _____

(c) What advice can you give to a family with many members but with low income?

55a) What is friction?

(b) Give **two** types of energy which can be produced by friction.

- (i) _____
- (ii) _____

(c) Give **one** advantage of friction.