

**KAMPALA PRIMARY SCHOOLS'**  
**SKYLINE ASSESSMENT**  
**END OF 1<sup>st</sup> (FIRST) TERM 2023**  
**PRIMARY SEVEN**

**INTEGRATED SCIENCE AND HEALTH EDUCATION**

*Time Allowed: 2 hours 15 minutes*

Index No.

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Candidate's Name: .....

Candidate's Signature: .....

School Name: .....

District Name: .....

**DO NOT OPEN THIS BOOK LET UNTIL YOU ARE TOLD TO DO SO.**

Read the following instructions carefully;

1. The paper has two Sections A and B.
2. Section A has 40 short questions ( 40 marks ).
3. Section B has 15 questions ( 60 marks ).
4. Attempt **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for examiners' use only.

**FOR  
EXAMINERS'  
USE ONLY**

FOR EXAMINERS' USE ONLY		
Qn. No.	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		



## SECTION A

1. Give the scientific name for a human skull.

2. Identify the activity people can carry out on a crop farm during the wet season.

3. Give **one** sign of malnutrition.

4. Why do farmers feed the off layers on broilers mash?

5. State **one** danger of eating half-cooked meat.

Study the diagram below and use it to answer questions 6.



6. Identify the poultry farm practice shown above.

7. Mention the energy obtained through water waves (tides).

8. Which human body organ is responsible for blood circulation?

9. Mention the reason for maintaining proper hygiene in rabbit hutches.

10. What is biomass?

11. Identify any **one** natural hazard that can destroy the environment.

12. What are dental cavities?

13. State the reason for giving casualties first aid.

14. Give any **one** cause of short circuits.

15. What name is given to fish that have their skeletons made up of cartilage?



Study the diagram below and use it to answer question 16.



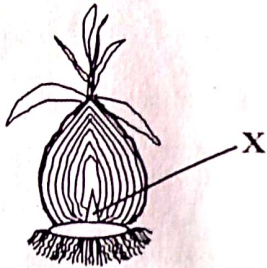
16. Identify the mollusc shown above.

17. What helps a hen to digest food in the gizzard?

18. Mention **one** animal fibre used in the textile industry.

19. State a reason why when oil is mixed with water, it remains on top.

Study the diagram below and use it to answer question 20.



20. Name part marked X.

21. In which part of the reproductive organ of a woman does implantation take place?

22. Give **one** function of the jelly to the eggs produced by a frog or toad.

23. State the role of bile during digestion on fats.

24. Who is an invalid person?

25. Of what value are filoplume feathers to a bird?

26. Write ORS in full.

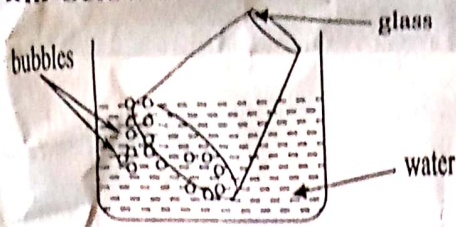
27. What is pitch in sound?

28. By what process does smoke move through the chimney?

29. Give **one** item used to promote oral health.



Study the diagram below and use it to answer question 30.



30. Identify the property of air shown in the above diagram.

31. Mention **one** endo-parasite that affects cattle.

32. What name is given to a large group of flying fish?

33. Why is there ventilation in the Stevenson screen?

34. What makes a duck billed platypus a mammal?

35. How is cotton gauze useful when dressing wounds?

36. What mineral salt lacked in the body leads an infant to develop anemia?

37. Of what value is recycling of wastes or old materials to a country?

38. Identify the reptile that protects itself by camouflaging.

39. Give **one** example of a wind instrument.

40. In which way is heat different from temperature?

## SECTION B

41. a) Give any **two** animals that are used to produce their energy directly by man.

(i) .....

(ii) .....

b) Cite **two** ways in which people use the above animals to produce energy directly.

(i) .....

(ii) .....



42. a) Give **two** characteristic features that differentiate arachnids from insects.

(i) .....

(ii) .....

b) Write down **one** example of an arachnid.

.....

c) What is the use of a silk web to one of the arachnids you have given above?

.....

43. a) What is **alcoholism**?

.....

b) Write down **two** factors that can lead to alcoholism.

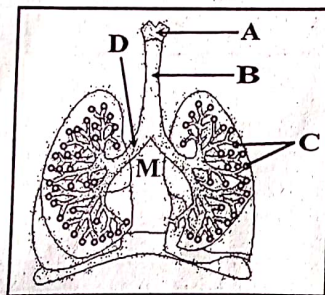
(i) .....

(ii) .....

c) Mention a sign or symptom a person who is alcoholic may have.

.....

Study the diagram below and answer the questions that follow.



44. a) To which body system does the diagram belong?

.....

b) Give another name for trachea.

.....

c) State the importance of part marked **C** during breathing.

.....

d) Mention the body organ that can be located at letter **M**.

.....

45. a) Give **two** differences between arteries and veins in structure

(i) .....

.....

(ii) .....

.....



46. a) How are the UV sensitive cells (retinotectin) in human beings?

(i) placenta

(ii) wing blood cells

46. a) Give one use of sound in animals.

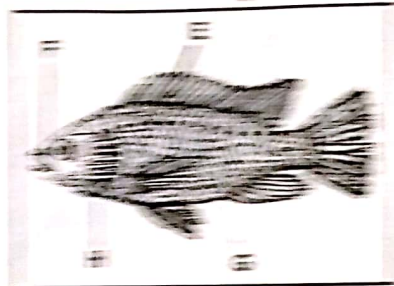
b) Mention one use of sound in courtship of fish.

c) Write down two ways sound can be stored.

(i)

(ii)

Use the diagram below to answer the questions that follow.



47. a) Name part marked H.

b) How is part marked F useful to a fish?

c) Mention the part of the human body that has similar function to part marked H.

d) Give one economic value of fish to people.

48. a) Give two similarities between birds and mammals.

(i)

(ii)

b) State what helps to keep sea mammals warm in the cold seas.

c) How do people benefit from sea mammals in their environment?

49. a) Give the main cause of fainting in infants.

b) Write down two conditions that can lead to fainting.

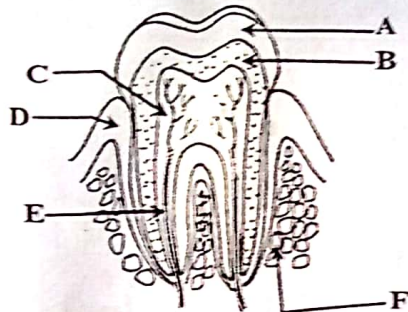
(i) .....

(ii) .....

c) Why does a victim of fainting need to have his/her legs raised higher than the head?

.....

Use the diagram below to answer the questions that follow.



50. a) Identify the tooth given.

.....

b) How is the above tooth useful to man?

.....

c) Name part marked C.

.....

d) Mention **one** disease that affects the teeth.

.....

51. a) Identify two types of electricity.

(i) .....

(ii) .....

b) How is thermal electricity produced?

.....

c) Mention the underground mineral used in the manufacture of nuclear energy.

.....

52. Mention **one** example for each type of bone below:

(i) The long bone: .....

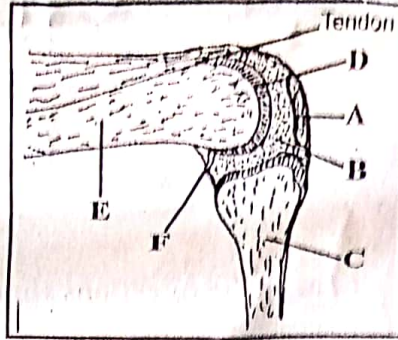
(ii) Short bone: .....

(iii) The flat bone: .....

(iv) Irregular bone: .....



Below is a structure of a moveable joint. Study it and use it to answer the questions that follow.



53. a) Identify the parts marked:

A .....

F .....

b) State the function of substance at B in the joint.

c) Why is part marked D useful in joints of bones?

54. Match items in List A with those of List B by completing the table below correctly.

List A	List B
Litter	a male rabbit
Doe	a young one of a rabbit
Bunny	a group of young rabbits born together in one birth
Buck	a female rabbit

(i) Litter: .....

(ii) Doe: .....

(iii) Bunny: .....

(iv) Buck: .....

55. a) Why is a foot ruler referred to as matter?

b) State any two properties of matter.

(i) .....

(ii) .....

c) Mention the difference between mass and weight.