

THE PEARL EDUCATIONAL CONSULT KAMPALA SCHOOLS



P.6 PRE-END OF TERM ONE ASSESSMENT 2024

INTEGRATED SCIENCE

DURATION: 2 ¼ HOURS. TEL.0757999162/0782171915

NAME: _____

SCHOOL: _____

INSTRUCTIONS:-

- 1. Avoid unnecessary crossing of work.***
- 2. Write well.***
- 3. Read the instructions carefully and answer all questions.***
- 4. Wrong spellings will lead to loss of marks.***

Final mark

SECTION A.

1. Name any **one** example of a mammal in a home.

2. In which way is calcium important in the human body?

3. Which chemical speeds up digestion of food in human beings?

4. Why is cross breeding done on a cattle farm?

The diagram below shows an example of poultry.



5. Name the type of poultry shown above.

6. Why are people advised to always eat well roasted meat?

7. Suggest any **one** activity we do to keep our bedrooms clean.

8. Suggest **one** reason for discouraging the sharing of drugs prescribed for one person.

9. How is soil formed ?

10. Which human body organ stores information?

The diagram below shows the stages of the life history of an insect.

Eggs _____ **→** **Nymph** _____ **→** **Adult.**

11. Name any **one** insect that undergoes the life cycle shown above.

12. Why should overgrazing be discouraged in an area?

13. In which part of a flower does fertilization take place?

14. What is the name given to the three small bones in the middle ear of a human being?

15. **Karigara poured oil in a soak pit.** How does Karigara's activity help in the control of malaria?

16. In the space below, draw a compound leaf.

17. Suggest any **one** advantage of breastfeeding to babies.

18. How is fish similar to a frog in terms of their reproduction?

19. Give any **one** use of blood in your body.

20. Write any **one** element of **P.H.C.**

21. An object has a density of **4g/cc** and the mass of **100g**. Calculate the volume of the object.

22. How is carbon dioxide gas useful to people?

23. Of what importance is a moth to plants?

24. Give any **one** vulnerable group of people in your community.

25. State the main reason why dehydrated people are given **ORS**.

26. Mukama sits at the back of the classroom. How is he able to hear his name when the teacher reads it from the register?

27. In which way is respiration similar to germination ?

28. Give any **one** danger of smoking to a pregnant mother.

29. Apart from having jointed legs, state **one** other characteristic of arthropods.

30. State the **main** reason why earth worms die once paraffin is poured on their bodies.

31. Write any **one** effect of pests to root crops.

The diagram below shows a type of tooth.



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32. Identify the type of tooth shown above

33. Why are children immunized?

34. Why should we wash our hands before handling food?

35. Apart from absorbing water and mineral salts, give another use of roots to plants.

36. In which state of matter does heat travel by convection?

37. Write **HIV** in full.

38. Which Uganda law forbids children from taking alcohol?

39. How are lung books important to spiders?

40. Besides bananas, name any **one** other plant propagated by means of suckers.

SECTION B

41.(a) **Ntuuyo was walking to Nakumatti Supermarket in the morning.** How is the heat from the sun able to reach Ntuuyo?

(b) Mention **two** forms of energy produced by the sun as a source of energy.

- (i) _____
- (ii) _____
- (c) In which **one** way can Ntuuyo make use of any of the above forms of energy?
- _____

42.(a) What is soil erosion?

- _____
- (b) Give any **two** agents of soil erosion.
- i) _____
- ii) _____
- (c) Suggest any **one** way of controlling soil erosion in hilly areas.
- _____

43. (a) In which part of the alimentary canal are fats first digested?

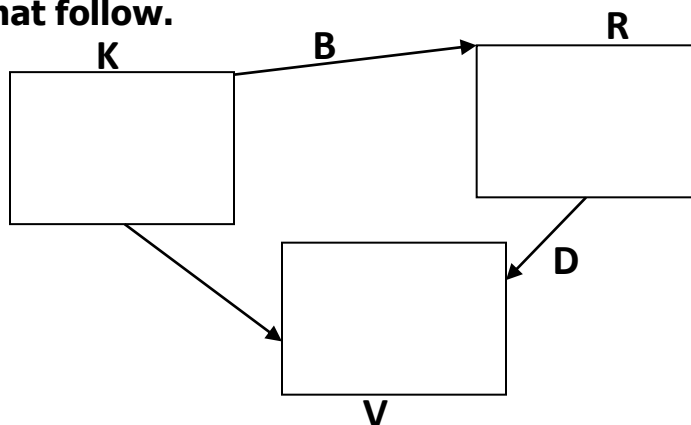
(b) How is the ileum adapted to its function?

(c) Give any **one** disorders and disease of the digestive system.

(i) disorder _____

(ii) disease _____

44. **Study the diagram of states of matter below and use it to answer the questions that follow.**



(a) Name the physical process that takes place at:

i) **B:** _____

ii) **D:** _____

(b) Which states of matter are marked **K** and **V**?

(i) **K** _____

(ii) **V** _____

45.(a) What is calving?

(b) State **two** activities a cattle farmer can carry out to care for a gestating cow.

(i) _____

(ii) _____

(c) How do farmers care for the sick cattle?

46.(a) Mention any **two** methods used by plants to climb others.

(i) _____

(ii) _____

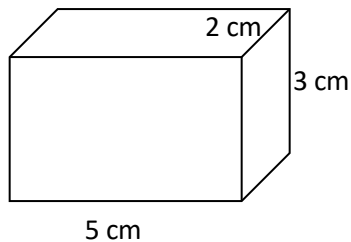
(b) Give any **two** reason why some plants climb others.

(i) _____

(ii) _____

47. **The block below weighs 180g. It was completely immersed in water.**

Calculate its density.



48. **Match the body organ in A to their functions B correctly.**

A	B
Liver	produces pancreatic juice.
Gall bladder	produces bile juice.
Pancreas	stores urine temporarily.
Urinary bladder	stores bile juice.
i) Liver	_____
ii) Gall bladder	_____
iii) Pancreas	_____
iv) Urinary bladder	_____

49. **Given the animals: Rats, Man, Apes, Snakes and Sunbird.**

(a) Name the **two** animals which belong to the primate.

- (i) _____
- (ii) _____
- (b) Why are rats grouped under mammals?
- _____
- (c) How is the reproduction of the rat different from that of a sunbird?
- _____

50. **Write the importance of each of the following materials when giving first aid.**

(i) Splint

(ii) A stretcher

(b) State any **two** reasons why we give first aid to casualties.

(i) _____

(ii) _____

51. (a). What is meant by the term "**Apiculture**"?

(b) How is bee keeping important in crop growing?

(c) Give any **one** duty of worker bees in a hive.

(d) What name is given to the weapon bees use for protection?

52. (a). Identify any **one** feature used on classifying birds.

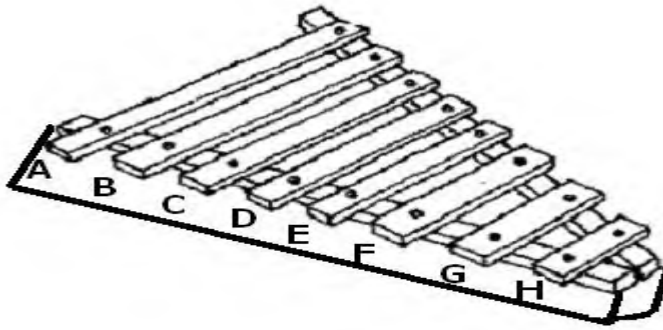
(b) Apart from flight, name any **two** other uses of feathers to a bird.

(i) _____

(ii) _____

(c) Why is it not advisable to stay with birds in the same house?

53. **Below is a musical instrument. Use it to answer the questions that follow.**



(a) Name the musical instrument above.

(b) How does the instrument above produce sound?

(c) Identify the part which will produce the highest sound.

(d) Give a reason to support your answer in (c) above.

54. (a) Briefly explain the term **Primary Health Care**.

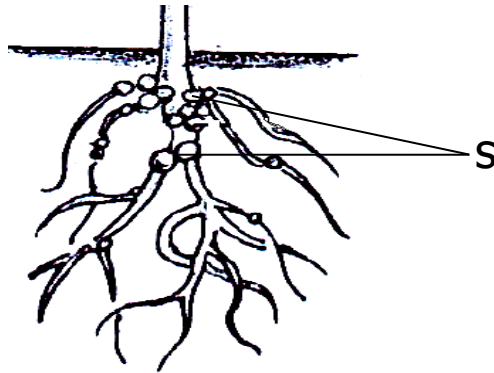
(b) Identify the element of the **PHC** promoted through practicing the following:

(i) Boiling water for drinking.

(ii) Cutting finger nails short.

(c) State any **one** danger of poor disposal of human excreta.

55. The figure below shows a root system of a leguminous plant. Study it carefully and answer the questions that follow.



(a) Name the structure marked **S**.

(b) Mention any **two** examples of crops with the above structure.

(i) _____

(ii) _____

(c) How do leguminous crops help in maintaining soil fertility?

END.