

# INTENSIVE CARE SCHOOLS WANDI - TEREKO

## P. 5 End of Term I Examination, 2024.

### Integrated Science

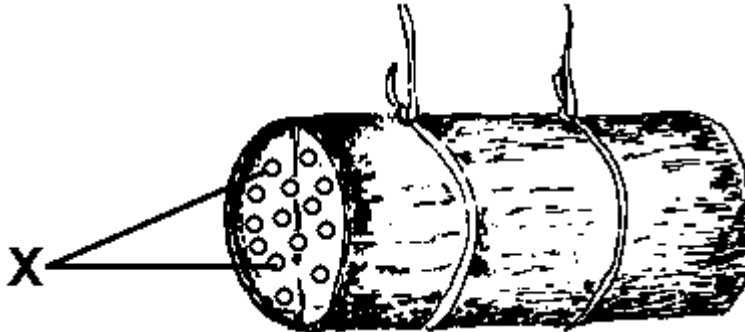
Time allowed: 2 hours and 15 minutes

Name: \_\_\_\_\_

#### **SECTION A (40 marks)**

1. Name one type of root system in plant.  
\_\_\_\_\_
2. How is sunny weather important to crop farmers?  
\_\_\_\_\_
3. Apart from a toothbrush, state one other tool used to clean teeth.  
\_\_\_\_\_
4. Why do people use a dry piece of cloth to lift a hot saucepan from fire?  
\_\_\_\_\_

**The diagram below is of a traditional beehive. Use it to answer questions that follow.**



5. Give the function of part X on the hive shown above.  
\_\_\_\_\_
6. Mention one disadvantage of using the beehive shown above.  
\_\_\_\_\_
7. Write one object that floats on water.  
\_\_\_\_\_
8. State one way people can keep the digestive system in a good working condition.  
\_\_\_\_\_
9. Name one component of soil formed through decomposition.  
\_\_\_\_\_

10. How is chlorophyll important to a plant during photosynthesis?

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11. In which way is the function of lungs similar to that of gills of a fish?

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12. State one way polythene materials are dangerous to the environment.

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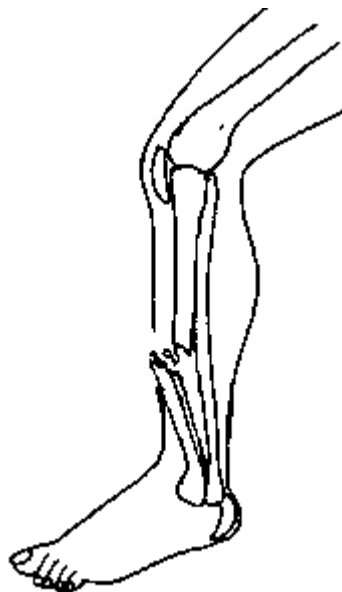
13. Give one sign of measles in infants.

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14. How are vitamins important in human bodies?

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**The diagram below is about a fracture. Use it to answer questions 15 and 16.**



15. Name the type of fracture shown in the diagram.

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16. How can people safe-guard themselves from the injury shown above?

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17. How does the pouring of oil on stagnant water control malaria?

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18. Why are snail shells added to the feeds for layers?

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19. In which way can a parent tell that his/her child's body is infested with worms?

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20. Mention one enzyme found in gastric juice.

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21. How are earth worms important to the soil?

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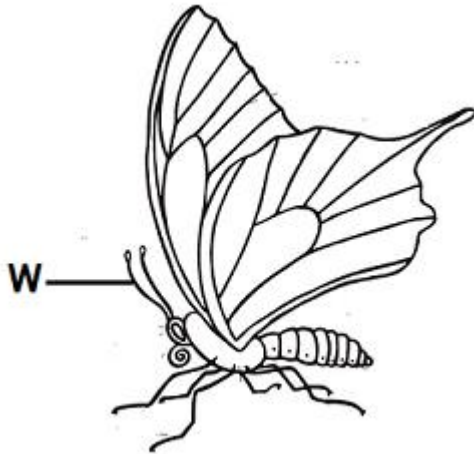
22. State one way carbon dioxide is useful to people.

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23. Give one way human bodies get immunity.

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**The diagram below is of an insect. Use it to answer questions 24 and 25.**



24. Name part marked W.

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25. How is the insect shown above useful to crop farmers?

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26. What is the best home treatment for dehydration?

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27. State one benefit of having regular physical exercises.

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28. How is fur important to rabbits?

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29. Give one way food can get contaminated.

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30. Mention one danger of living in a dirty environment.

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31. State one way cats defend themselves from enemies.

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32. What is the importance of thinning in crop growing?

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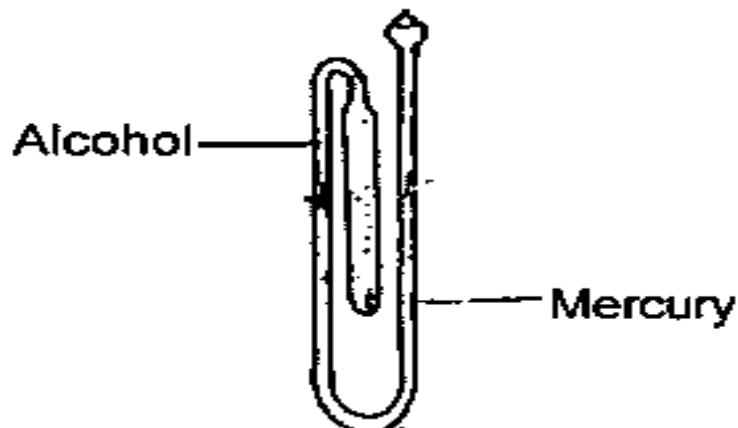
33. State one way canine teeth are adapted to their function of tearing meat.

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34. Write down one form of energy we get from burning fuels.

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**The diagram below is of a weather instrument. Use it to answer questions 35 and 36.**



35. Name the weather instrument shown in the diagram above.

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36. How is the weather instrument shown above useful at a weather station?

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37. Write one way of controlling cannibalism on a poultry farm?

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38. In which part of a tooth are nerves found?

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39. What can one use to measure the length of an object?

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40. Mention one way non-flowering plants reproduce.

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### **Section B: (60 marks)**

41(a) What is cross breeding?

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(b) Why do poultry farmers carry out cross breeding?

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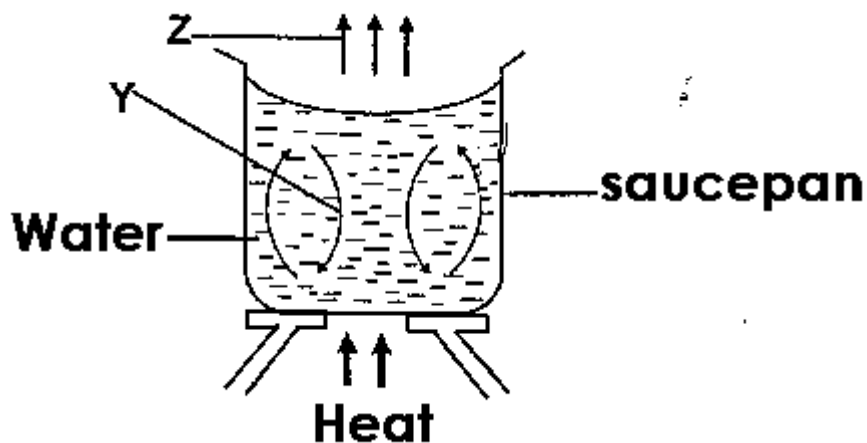
(c) Name one exotic breed of poultry kept in Uganda.

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(d) Why do some farmers prefer keeping local breeds to exotic ones?

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42. The diagram below shows water being boiled in a saucepan. Use it to answer the questions that follow.



- (a) Name one fuel that can be used to produce heat in the above experiment.  
\_\_\_\_\_
- (b) How does heat from the fire travel to reach water at the base of the saucepan?  
\_\_\_\_\_
- (c) What method of heat transfer is represented by letter Y?  
\_\_\_\_\_
- (d) Name one suitable material for making a saucepan.  
\_\_\_\_\_

- 43(a) Name one plant with a creeping stem.  
\_\_\_\_\_

- (b) How are stems useful to plants?  
\_\_\_\_\_
- (c) State the method passion fruits use to climb their support.  
\_\_\_\_\_
- (d) Which raw material for photosynthesis is absorbed by plant roots from the soil?  
\_\_\_\_\_

- 44(a) Give one function of each of the following organs in a human body:

- (i) kidney  
\_\_\_\_\_

- (ii) liver  
\_\_\_\_\_

- (b) In which main part of the body is the brain found?  
\_\_\_\_\_

(c) Which organ pumps blood around the body?

\_\_\_\_\_

45(a) Name one important mineral salt our bodies need.

\_\_\_\_\_

(b) Which class of food provides energy to the body?

\_\_\_\_\_

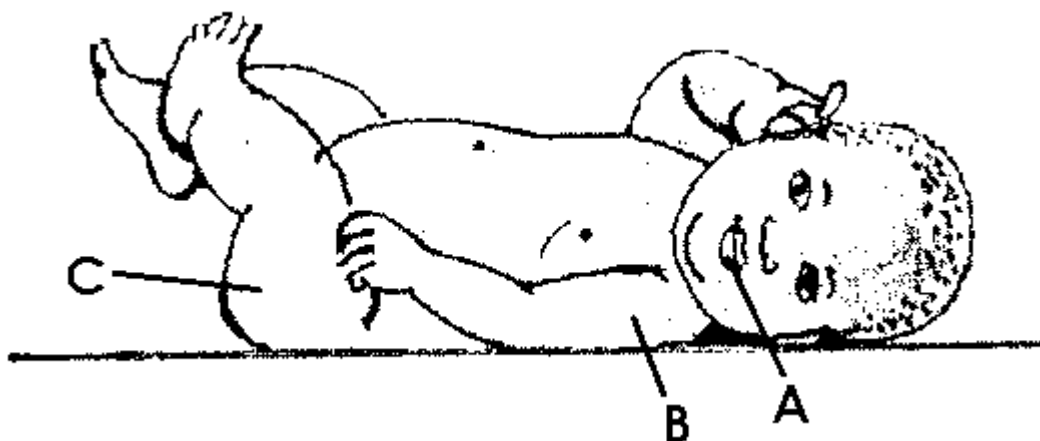
(c) How do roughages promote proper functioning of the digestive system?

\_\_\_\_\_

(d) Why are mothers whose children are suffering from scurvy encouraged to feed them on fresh fruit?

\_\_\_\_\_

46. **The diagram below shows immunisation sites. Use it to answer questions that follow.**



(a) Name the disease immunized against at site B.

\_\_\_\_\_

(b) What vaccine is administered through site marked A?

\_\_\_\_\_

(c) How is the vaccine at site marked C administered?

\_\_\_\_\_

(d) State one way pupils can help to promote immunization programmes in a community.

\_\_\_\_\_

47(a) What is a vector?

\_\_\_\_\_

(b) State one disease spread by each of the following vectors.

(i) rat fleas \_\_\_\_\_

(ii) tsetsefly \_\_\_\_\_

(c) How do bushes around our homes encourage the spreading of malaria?  
\_\_\_\_\_

48(a) Give one way farmers benefit from keeping rabbits.  
\_\_\_\_\_

(b) How are cold conditions dangerous to rabbits?  
\_\_\_\_\_

(c) Name one exotic breed of rabbits.  
\_\_\_\_\_

(d) Give one way farmers control ecto - parasites in rabbits.  
\_\_\_\_\_

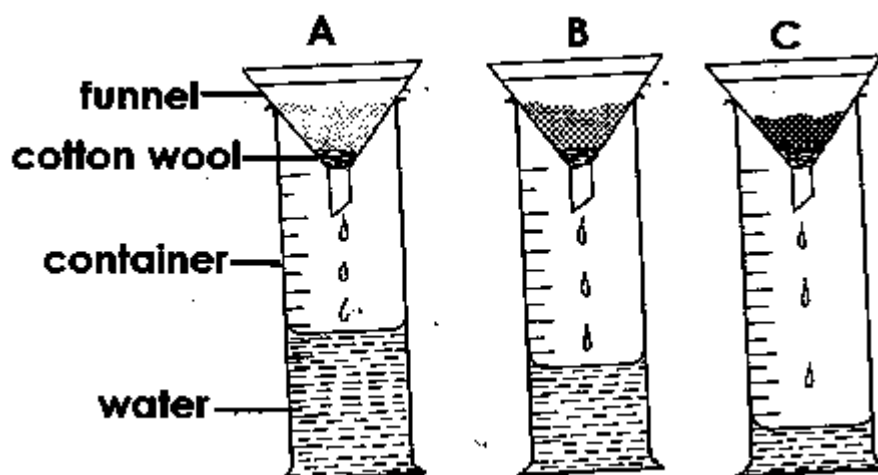
49(a) What is matter  
\_\_\_\_\_

(b) Name the particles that make up matter.  
\_\_\_\_\_

(c) Mention one substance that can exist in all the three states of matter.  
\_\_\_\_\_

(c) State one characteristic of liquids.  
\_\_\_\_\_

**In the experiment, different samples of soil were put in each funnel  
Later water was poured in each funnel.**



50(a) What does the above experiment prove about soil?  
\_\_\_\_\_

(b) Name the soil sample marked B.  
\_\_\_\_\_

(c) Why was more water collected in A than in other containers?

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(d) Give one reason why soil sample C is the best for making pots.

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51(a) What is sanitation?

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(b) Give one importance of cutting the grass in the compound short.

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(c) How do the following help in promoting sanitation?

(i) pit latrine

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(ii) rubbish pit

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52(a) Mention two types of parasitic worms that infest human bodies.

(i)

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(ii)

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(b) Give one way worms infest human bodies.

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(c) State one way of controlling worm infestation in human beings.

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53(a) Give the importance of the following animals to people.

(i) cat

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(ii) horse

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(b) Write down one way of caring for wild animals

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(c) Give one danger of wild in the environment.

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54(a) How are the following important when giving first aid?

(i) panadol

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(ii) razorblade

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(b) How is a burn different from a scald?

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(c) Why should a first aider wear gloves when administering first aid?

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55(a) How are the following practices important in crop growing?

(i) crop rotation

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(ii) mulching

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(b) Give one example of a leguminous crop.

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(d) Mention one disease that attacks cassava crops.

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