

INTENSIVE CARE SCHOOLS WANDI

P. 5 Beginning Of Term II Examination, 2024.

Integrated Science

Time allowed: 2 hours and 15 minutes

Name: _____

SECTION A (40 marks)

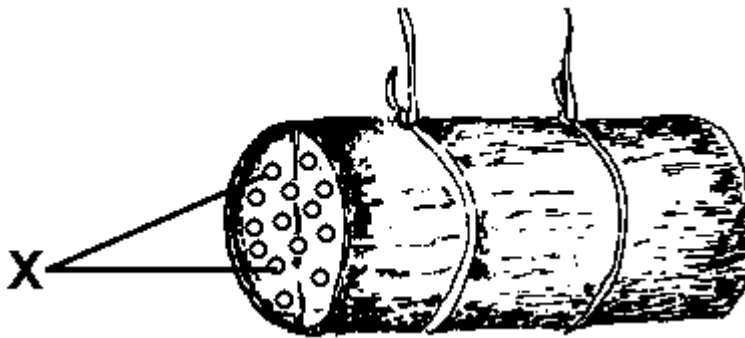
1. Name one type of root system in plant.

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.

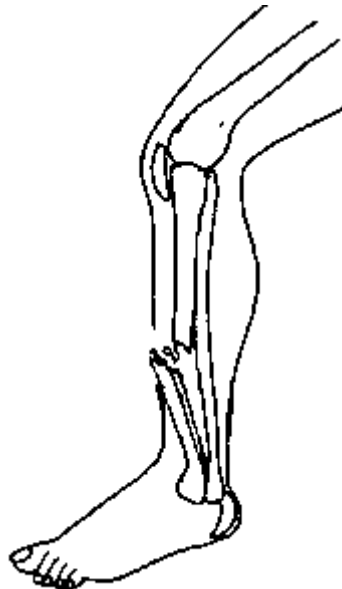
7. Write one object that floats on water.

8. State one way people can keep the digestive system in a good working condition.

9. Name one component of soil formed through decomposition.

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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.



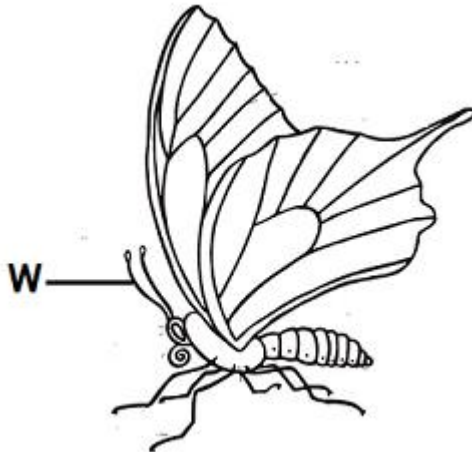
15. Name the type of fracture shown in the diagram.
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16. How can people safe-guard themselves from the injury shown above?
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17. How does the pouring of oil on stagnant water control malaria?
-
18. Why are snail shells added to the feeds for layers?
-
19. In which way can a parent tell that his/her child's body is infested with worms?
-
20. Mention one enzyme found in gastric juice.
-

21. How are earth worms important to the soil?

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

23. Give one way human bodies get immunity.

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



24. Name part marked W.

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

26. What is the best home treatment for dehydration?

27. State one benefit of having regular physical exercises.

28. How is fur important to rabbits?

29. Give one way food can get contaminated.

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

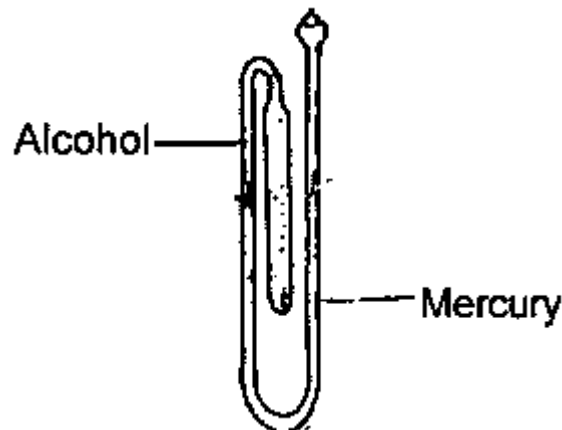
31. State one way cats defend themselves from enemies.

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

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

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

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.

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

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

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

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

40. Mention one way non-flowering plants reproduce.

Section B: (60 marks)

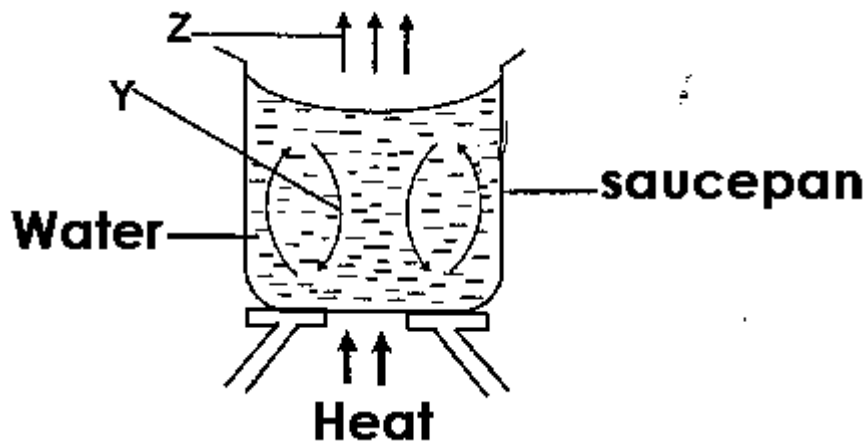
41(a) What is cross breeding?

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

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

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

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?

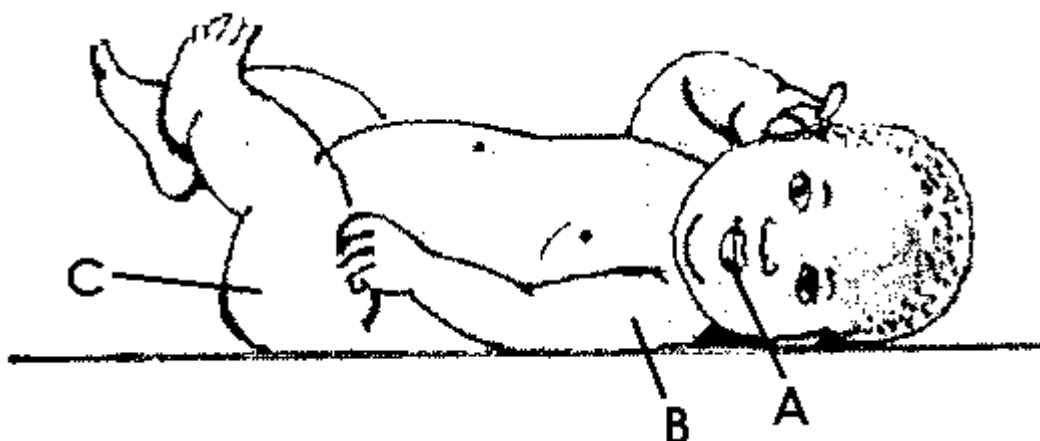
45(a) Name one important mineral salt our bodies need.

(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.

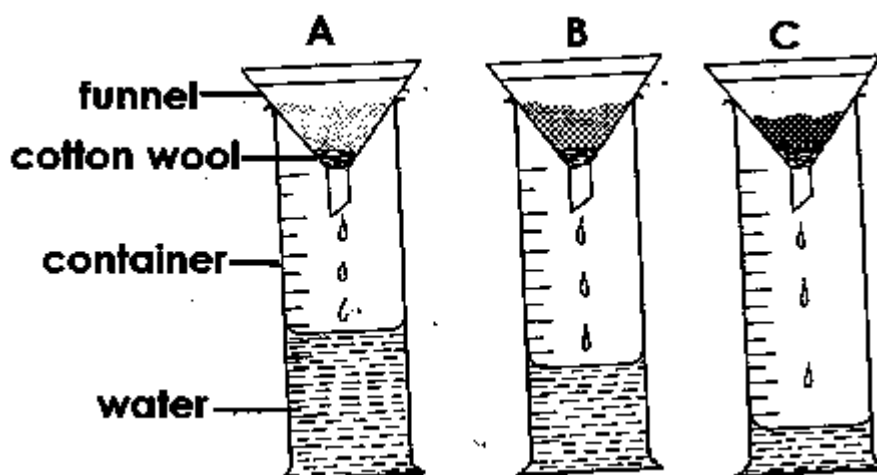
49(a) What is matter

(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?

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

51(a) What is sanitation?

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

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

(i) pit latrine

(ii) rubbish pit

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

(i) _____

(ii) _____

(b) Give one way worms infest human bodies.

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

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

(i) cat

(ii) horse

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

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

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

(i) panadol

(ii) razorblade

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

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

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

(i) crop rotation

(ii) mulching

(b) Give one example of a leguminous crop.

(d) Mention one disease that attacks cassava crops.
