

KABOJJA JUNIOR SCHOOL
P. 6 Beginning of Term III Examination, 2024.
Integrated Science
Time allowed: 2 hours 15 minutes

Name: _____ **Stream:** _____

SECTION A (40 Marks):

1. What term is used to refer to the vertical arrangement of soil layers?

2. Where do mosquitoes lay their eggs?

3. Why is diarrhoea a common disease among crawling babies?

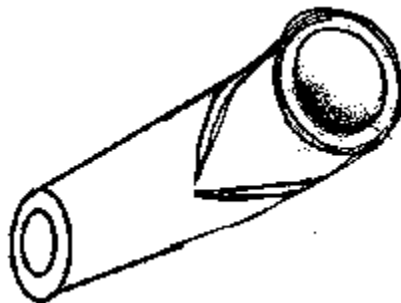
4. Name one crop that grows well in swamps.

5. What happens to light when it falls on opaque objects?

6. How is reproduction important in living things?

7. Name the part of a plant that grows into the flower.

8. Draw the direction of blood flow on the diagram below.



9. How is the blood vessel above similar to the heart?

10. What class of food is obtained from eating rice?

11. Give one way echoes are useful to a dolphin.

12. Why is it important to have ventilators and windows on a living house?

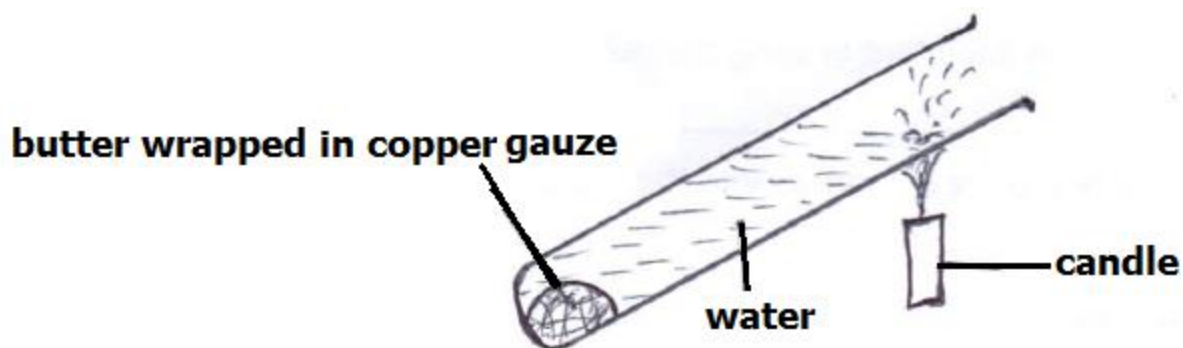
13. Which garden tool is used by farmers to turn compost manure?

14. Where do plants get water they use to make their food?

15. How does a mosquito produce sound?

16. Give one example of a leguminos crop that keeps its seeds in the underground pods.

Use the diagram below to answer the questions that follow.



17. What is the experiment intended to prove?

18. Why does a cat cover its kitten with its fur after giving birth?

19. How does paddock grazing control soil erosion?

20. Which force makes objects thrown upwards to fall to the ground?

21. What digestive juice is produced from the salivary glands?

22. Why wouldn't you advise your friend to take alcohol?

23. How is cassava harvested?

24. What are communicable diseases?

25. Which fungi is used in making of penicillin tablets?

26. Give one disadvantage of free-range system of keeping poultry.

27. Why do tape worms live in the ileum?

The diagram below shows a beak of a bird. Use it to answer the questions that follow.



28. To which group of birds does a bird with such a beak belong?

29. How is such a beak above adapted to its function?

30. Why do we cover matooke with banana leaves during cooking?

31. Give one activity your health prefect can do during a health parade.

32. State one disadvantage of using fire when harvesting honey.

33. Why do electric wires sag during hot day?

34. Why is typhoid most common among people living in slum areas?

35. Name one mammal in the environment that reproduces by laying eggs.

36. Why is it dangerous for a recipient of blood group O to receive blood from a blood donor whose blood group A?

37. Give one danger of sharing a living house with the animals.

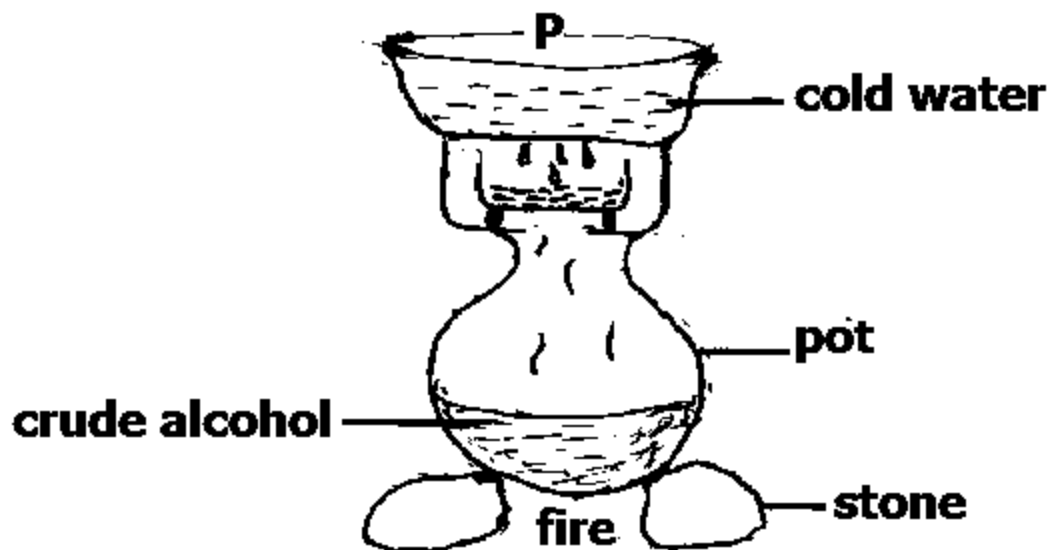
38. In which way is a latrine important at home?

39. What element of PHC is promoted through brushing teeth?

40. Why is it important for a country like Uganda to encourage citizens to use biogas to cook instead of firewood?

Section B

41. **Use the diagram below to answer questions that follow.**



- (a) Name one process involved in the above method of making alcohol.

- (b) How is fire important in the above process?

(c) Why is it important to keep replacing water in container P?

(d) How is the method of making alcohol destructive to the environment?

42(a) Give two qualities of a good seed to plants.

(i) _____

(ii) _____

(b) Write down one farming activity that is done to ensure the following:

(i) increase plant population in the garden

(ii) controls crop pests

43. Fill in the missing information on the table below.

Vaccine	Site	Age	Disease
Measles vaccine	9 months	Measles
BCG vaccine	Right upper arm	At birth
DPT vaccine	Left upper arm	Tetanus
Polio vaccine	Mouth	Polio

44. A school health committee members visited certain old man's home and found out that it did not have the main requirements for proper sanitation.

(a) List down any two activities they should carry out to ensure proper sanitation in the old man's home.

(i) _____

(ii) _____

(b) Give two requirements of a clean home.

(i) _____

(ii) _____

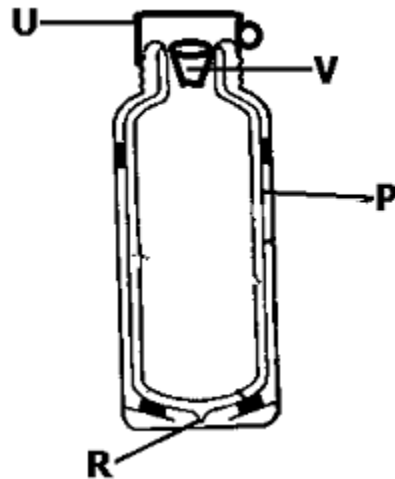
45(a) Name one product from poultry.

(b) State one advantage of using deep litter system of rearing birds.

(c) Identify one example of poultry vice.

(d) How can a farmer control the poultry vice mentioned in (c) above?

46. **Use the diagram below to answer questions that follow.**



(a) Name part V.

(b) How is part V adapted to prevent heat loss from the hot substance kept in the item above?

(c) Through which process does heat travel in part marked P?

(d) Why does the item above stop working when part R gets broken?

47(a) Which component of air do plant roots use for respiration?

(b) Give one activity a farmer can do with the help of wind.

(c) In which two ways is wind useful to plant life?

(i) _____

(ii) _____

48(a) How is sound produced?

(b) Give the meaning of each of the terms below as used in sound.

(i) volume

(ii) frequency

(c) To which group of musical instruments does French horn belong?

49(a) What name is given to the larva stage of a mosquito?

(b) State one way in which the larva of a housefly is useful in the environment.

(c) Name one disease of a mosquito which makes the lower part of ones legs to appear big like that of an elephant.

(d) Give one way of controlling the disease you have named in (c) above.

50(a) What kind of accident is likely to happen to pupils in a school with bushes in the compound?

(b) How can such an accident be controlled at school?

(c) In which way do shoes prevent school children from cuts and broken glasses?

(d) Give one effect of an accident to a person.

51(a) What is misuse?

(b) What does the information below represent?

(c) Give one drug commonly abused by people in the community.

(d) State one characteristic of an essential drug.

52(a) Mention one component of the circulatory system.

(b) Give one function of blood in ones body.

(c) State one difference between arteries and veins in terms of their structure.

(d) Give one way of increasing blood in the body of an anaemic person.

53 Match items in list A with those in list B correctly.

A

poor blood clotting

poor night vision

bleeding gum

swollen thyroid gland

B

lack of iodine.

lack of vitamin C.

lack of vitamin A.

lack of vitamin K.

(a) poor blood clotting _____

(b) poor night vision _____

(c) bleeding gum _____

(d) swollen thyroid gland _____

54. In only four sentences, write how you can make ORS using one sacket of oral rehydration salts.

(i) _____

(ii) _____

(iii) _____

(iv) _____

55. Use the list of animals below to answer questions that follow.

lion , hyena , kangaroo , gorilla

(a) Which animals can be grouped together in the list above?

(b) How is lion adapted to its way of feeding?

(c) In which way is a lion different from a hyena in the way they get their food?

(d) to which group of mammals does a gorilla belong?
