

# ENTEBBE MUNICIPAL PRIMARY SCHOOLS END OF TERM III ASSESSMENT 2023

## P.6 INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Pupil's Name .....

Pupil's Signature .....

School Name .....

**Read the following instructions carefully:**

1. This paper is made up of two Sections:  
A and B.
2. Answer all questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers must be written using a blue or black ball-point pen or ink.
4. Unnecessary alteration of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the boxes indicated  
"It is for Examiners' use Only".

**FOR  
EXAMINERS'  
USE ONLY**

### FOR EXAMINERS' USE ONLY

Qn No.	Marks	Examiner's No.
1-10		
11-20		
21-30		
31-40		
41-44		
45-48		
49-52		
53-55		
<b>TOTAL</b>		



**Entebbe Municipal Primary Schools Head teachers'  
Association**

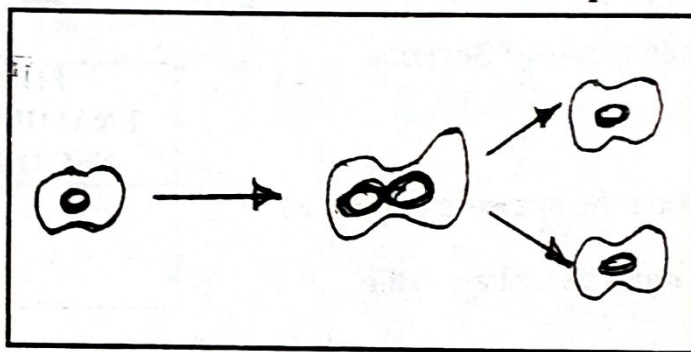
**Tel: 0772-880833 / 0772-424203 / 0703-877112**



### SECTION A (40Mks)

1. Which body organ pumps blood to all parts of the body?  
\_\_\_\_\_
2. Why is oxygen not used in fire extinguishers?  
\_\_\_\_\_
3. Give a reason why a waitress should wash her hands before serving food.  
\_\_\_\_\_
4. Mention the main reason of giving first aid to casualties.  
\_\_\_\_\_

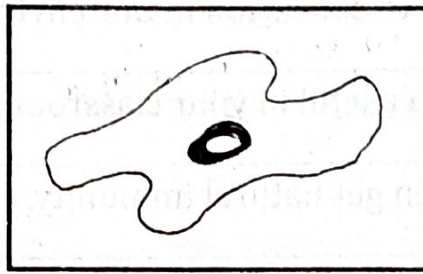
Below is a diagram showing the reproduction of a common living thing in our environment. Use it to answer questions 5 and 6.



5. Name the organism that reproduces as shown in the diagram above.  
\_\_\_\_\_
6. How does the above organism reproduce?  
\_\_\_\_\_
7. Why is a maize grain considered as a fruit not a seed?  
\_\_\_\_\_
8. Give a reason why honey bees are referred to as social insects.  
\_\_\_\_\_
9. State any one example of a flightless bird.  
\_\_\_\_\_
10. Write any one condition needed for a seed to germinate.  
\_\_\_\_\_
11. How are canine teeth adapted to their function?  
\_\_\_\_\_
12. Mention any one method of controlling soil erosion.  
\_\_\_\_\_
13. Give a reason why ventilators are placed above windows and doors.  
\_\_\_\_\_

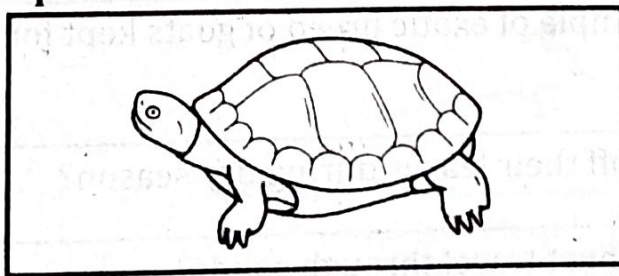


The diagram below shows a blood component. Use it to answer questions that follow.



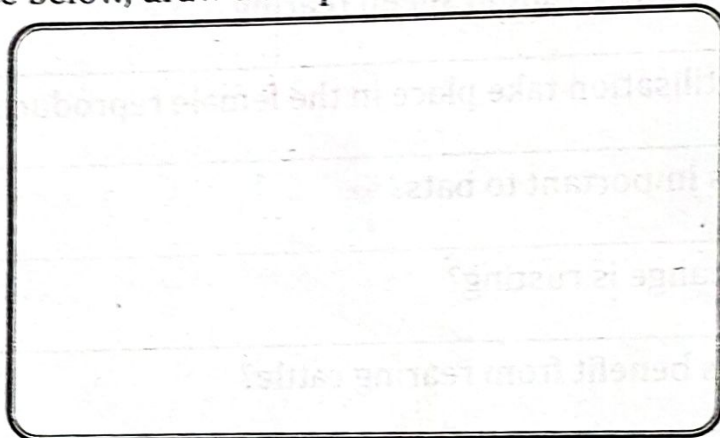
14. Identify the blood component drawn above.  
\_\_\_\_\_
15. In which way is the above component of blood useful to humans?  
\_\_\_\_\_
16. Give a reason why plants with weak stems climb others.  
\_\_\_\_\_
17. Docking is a common practice in sheep management. Give a reason why such a practice is important in sheep rearing.  
\_\_\_\_\_
18. Where does fertilisation take place in the female reproductive system?  
\_\_\_\_\_
19. How are echoes important to bats?  
\_\_\_\_\_
20. What type of change is rusting?  
\_\_\_\_\_
21. How do farmers benefit from rearing cattle?  
\_\_\_\_\_
22. How are spiracles important to insects?  
\_\_\_\_\_
23. Give any one example of a tick borne disease in cattle.  
\_\_\_\_\_

Below is a diagram showing a common vertebrate. Study and use it to answer questions 24 and 25.



24. To which group of vertebrates does the above animal belong?  
\_\_\_\_\_
25. How does the above animal protect itself from enemies?  
\_\_\_\_\_

26. Why is air called matter?  
\_\_\_\_\_
27. What group of birds help to eat carion in our environment?  
\_\_\_\_\_
28. In which way is a dust bin useful in your classroom?  
\_\_\_\_\_
29. State any one way children get natural immunity.  
\_\_\_\_\_
30. Mention any one fungus that is eaten by people as food.  
\_\_\_\_\_
31. Wind is a useful resource in our environment. State any one way it is useful to crop farmers.  
\_\_\_\_\_
32. Name any one plant that is propagated by use of suckers.  
\_\_\_\_\_
33. In the space below, draw a simple leaf.  
\_\_\_\_\_



34. Mention any one natural process that occurs in plant leaves.  
\_\_\_\_\_
35. How is the pinna useful in the human ear?  
\_\_\_\_\_
36. How far should a pit latrine be from a water source?  
\_\_\_\_\_
37. Mention any one example of exotic breed of goats kept for milk production.  
\_\_\_\_\_
38. Why do plants shed off their leaves during dry season?  
\_\_\_\_\_
39. By what means does heat travel through solids?  
\_\_\_\_\_
40. How are red blood cells important in the human body?  
\_\_\_\_\_



### SECTION B (60Mks)

41a) What term is used to refer to the process by which plants make their own food?

b) Name the raw material that plants get from the soil to make their own food.

c) How do animals benefit from the above process in the environment?

d) In which part of a plant does the above process in (a) take place?

42a) What is first aid?

b) Mention any two reasons of giving first aid to accident victims.

i)

ii)

c) Which type of accident requires the use of a stretcher when providing first aid?

43a) What do we call air in motion?

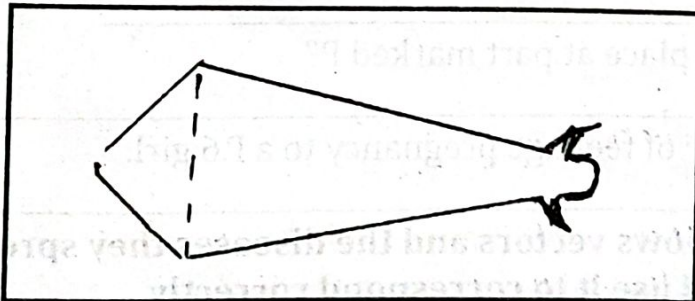
b) Which property of air is demonstrated when a child is taking soda using a straw?

c) Write any two properties of air.

i)

ii)

44. The figure shows the body shape of a type of cattle. Use it to answer questions that follow.



a) Identify the type of cattle whose body shape is shown in the diagram.

b) Give the main purpose of keeping the type of cattle you know mentioned in (a) above.



- c) Give any two examples of types of cattle purposely reared for milk production.

i) \_\_\_\_\_ ii) \_\_\_\_\_

- 45a) Primary six boys usually mop and sweep their classroom. What element of PHC do they promote?

b) Apart from the above element, state any other two elements of PHC.

i) \_\_\_\_\_ ii) \_\_\_\_\_

- c) State any one disease that can break out due to poor disposal of human excreta.

- 46a) What method of making alcohol involves the use of heat energy?

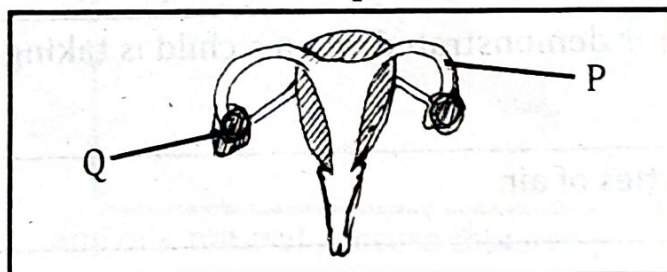
- b) Give two reasons why some people take alcohol.

i) \_\_\_\_\_

ii) \_\_\_\_\_

- c) Which body organ is mainly affected by excessive consumption of alcohol?

47. **The diagram below shows the reproductive system of a female. Study and use it to answer questions that follow.**



- a) Identify the parts of the reproductive system marked;

i) P \_\_\_\_\_

ii) Q \_\_\_\_\_

- b) What process takes place at part marked P?

- c) Give any one danger of teenage pregnancy to a P.6 girl.

48. **The table below shows vectors and the diseases they spread to humans. Study and use it to correspond correctly.**

VECTOR	DISEASE SPREAD
Housefly	River blindness
Water snail	Elephantiasis
Culex mosquito	Trachoma
Simulium fly	Schistosomiasis



49a) How are the following crops propagated?

i) Cassava \_\_\_\_\_

ii) Carrots \_\_\_\_\_

b) Name any one common plant whose stem is eaten by people. \_\_\_\_\_

c) Give a reason why a sugarcane is not regarded as stem tuber yet it stores its food in stems. \_\_\_\_\_

50a) Mention any two elements of weather.

i) \_\_\_\_\_

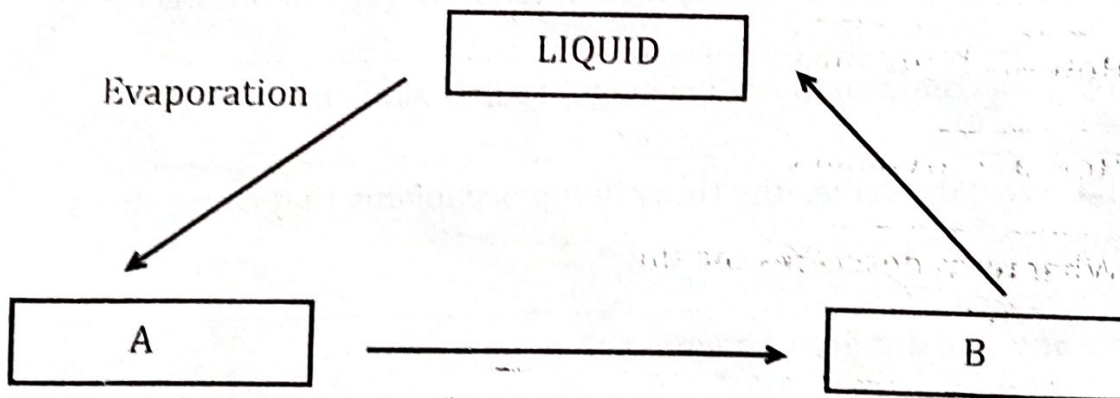
ii) \_\_\_\_\_

b) How are the weather instruments given below useful in a weather station:

i) Rain gauge \_\_\_\_\_

ii) Wind sock \_\_\_\_\_

51. Below is a diagram showing states of matter. Study and use it to answer questions that follow.



a) Name the states of matter represented by letters:

i) A \_\_\_\_\_

ii) B \_\_\_\_\_

b) Which form of energy enables a liquid to change to A?

c) How does heat travel through solid states of matter?

52a) Mention the common solutes used to make ORS at home.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) Why are children suffering from diarrhoea given ORS?  
\_\_\_\_\_
- c) Give a reason why a person preparing ORS be encouraged to wash their hands before making it.  
\_\_\_\_\_

53a) What are renewable resources?

- b) State any two ways in which plants are considered resources to people in our environment.  
\_\_\_\_\_
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- c) How can water be used as a resource in our day to day life?  
\_\_\_\_\_

54a) What are vertebrates?

- b) Apart from birds, state any one other class of warm blooded vertebrates.  
\_\_\_\_\_
- i) \_\_\_\_\_
- c) How are birds similar to reptiles in terms of reproduction?  
\_\_\_\_\_
- d) How are streamlined bodies useful to fish while in water?  
\_\_\_\_\_

55a) What term describes the tiny living organisms that cause diseases to animals?

- b) Give any one danger of bacteria to people.  
\_\_\_\_\_
- c) Mention any two childhood immunisable diseases caused by virus in children.  
\_\_\_\_\_
- i) \_\_\_\_\_
- ii) \_\_\_\_\_

*Good Luck and Merry Christmas*