

# ERIA JUNIOR SCHOOL NGOMANENE GOMBA

## P.7 TERM ONE EXAMINATION 2023

### SET TWO

### INTEGRATED SCIENCE

*Time Allowed: 2 hours 15 minutes*

Index No.

Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

School Random No. ....

District ID:.....

**Read the following instructions carefully:**

1. This paper has two sections: **A** and **B**. Section A has 40 questions and **section B** has 15 questions. The paper has 10 printed pages.
2. Answer all questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room and all diagrams must be drawn using a sharp pencil.
5. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the table indicated: "For Examiners' use only" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	RKS	R'S gn
1- 10		
1- 20		
1- 30		
31 - 40		
41 - 43		
44- 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

## **SECTION A**

1. Name any one foreign body in the nose.  
\_\_\_\_\_
2. Give the role of windows on a living house.  
\_\_\_\_\_
3. In which one way does ironing of clothes promote health?  
\_\_\_\_\_
4. Mention one traditional method of preserving fish.  
\_\_\_\_\_
5. Why is trachoma regarded a communicable disease?  
\_\_\_\_\_  
\_\_\_\_\_
6. How is yeast useful in our daily life?  
\_\_\_\_\_  
\_\_\_\_\_

Below is a diagram showing farm equipment use it to answer questions 7 and 8.



7. Name the farm equipment shown above.  
\_\_\_\_\_
8. Give one sign of a sick animal.  
\_\_\_\_\_
9. Why do we wash our hands after visiting the toilet?  
\_\_\_\_\_  
\_\_\_\_\_
10. Name the body organ greatly affected due to excessive smoking of tobacco.  
\_\_\_\_\_
11. How are conifers similar to beans in their way of reproduction?  
\_\_\_\_\_
12. Name any one example of bird of prey.  
\_\_\_\_\_
13. What is the use of a beak to a bird?  
\_\_\_\_\_

14. How are roughages important in the human body?

---

---

15. State one similarity between burns and scalds.

---

---

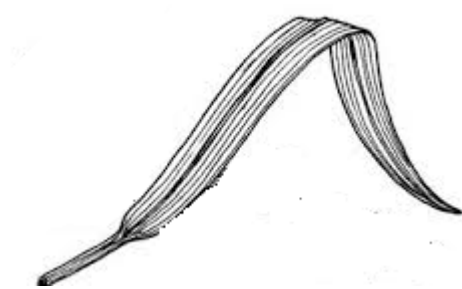
16. Name any one raw material for photosynthesis?

---

17. State one way in which termites depend on soil.

---

18. Name the type of leaf venation shown in the diagram below.



19. How are bacteria useful to people?

---

20. How can houseflies be controlled in an ordinary pit latrine.

---

21. State one factor considered by a health worker when prescribing drugs.

---

22. How are the teeth important in digestion of food?

---

23. Besides polio vaccine, name any other vaccine given to infants more than once.

---

24. What name is given to the liquid metal at room temperature used in a clinical thermometer?

---

25. In one sentence state the main reason for giving first aid to casualties.

---

26. Mention any one problem faced by adolescent girls and boys.

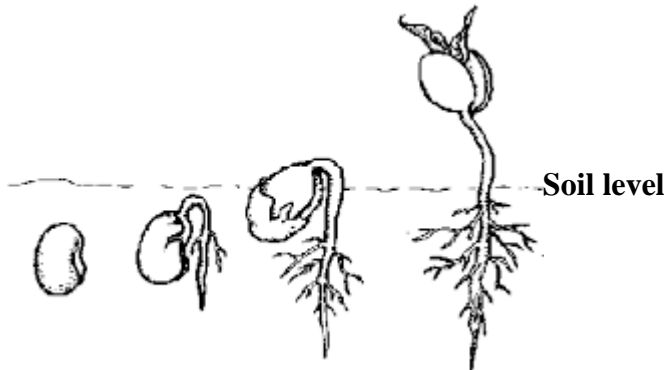
---

27. Give any one game played by a P.3 boy using wind.

---

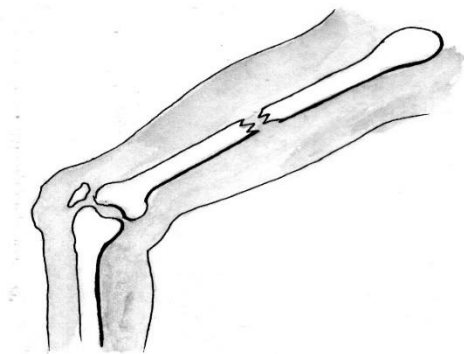
28. Give one reason why water obtained by decantation is not safe for drinking.
- 

**The diagram below shows a germinating seed. Study it and use it to answer questions 29 and 30.**



29. What type of germination is shown in the diagram above?
- 
30. To which group of flowering plants do the germinating seeds above belong?
- 
31. Name any one place where near drowning can take place at home.
- 
32. Give a reason why we need to clean our hands before eating food.
- 
33. How are canine teeth useful to a dog?
- 

**The diagram below shows a type of fracture. Use it to answer questions 34 and 35.**

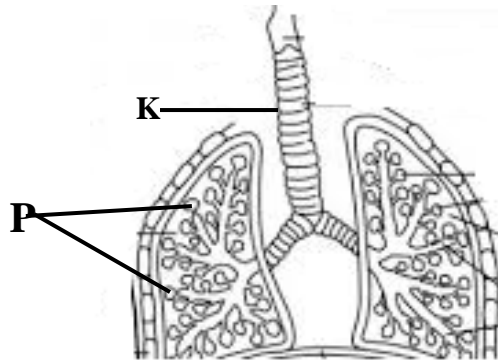


34. What type of fracture is illustrated in the diagram.
- 
35. Why are splints recommended when giving first aid for the above accident in question 35?
- 
36. Name the vector borne disease.
-

37. Apart from miraa, give another example of drug of dependence.

---

Use the diagram below to answer questions.



38. Give the function of structures labeled P.

- 
39. How is part K prevented from closing?

- 
40. Name the body organ protected by the backbone.

---

**SECTION B**

41. (a) In one sentence, give the meaning of the term poultry vices.

---

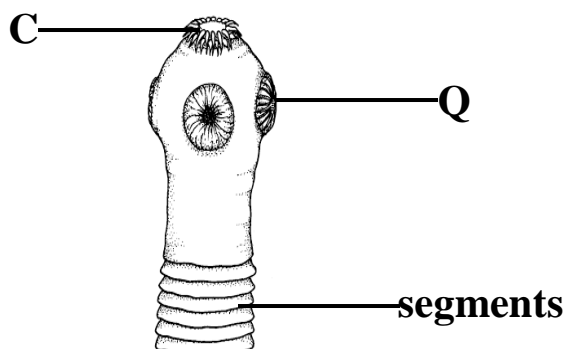
(b) State two causes of poultry vices among birds.

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

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

(c) How best can poultry farmers control egg eating in his layers.

- 
42. The diagram below is for a worm. Study it carefully and answer questions about it.



(a) Name the part marked C.

---

(b) How does the worm drawn above get into our bodes?

---

(c) What is the function of part Q to the worm above?

---

(d) How is the worm above dangerous to its host?

---

43. (a) In which state of matter does heat travel fastest?

---

(b) Besides convection, give other two ways heat travels through matter.

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

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

(c) Why is a piece of wood put under solid state?

---

44. (a) State the roles of the following types of bees in the hive.

(i) drone bees \_\_\_\_\_

(ii) worker bees \_\_\_\_\_

(b) What special name is given to food feed on by the queen bee?

---

(c) Name the material collected by workers used to repair the hive.

---

45. (a) What type of cattle is mainly kept for milk products?

---

(b) State two products got from milk.

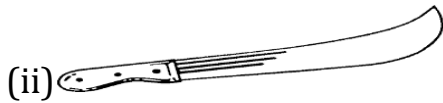
(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(c) How can you identify cattle that provide milk by using their shape?

---

---

46. Give one farm activity where the garden tools drawn below can be used.



(b) State any two ways of caring for garden tools.

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

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

47. (a) State any one characteristic of each type soil

(i) sand soil \_\_\_\_\_

(ii) clay soil \_\_\_\_\_

(b) How are rock particles formed?

c) Apart from aeration, give any other use of soil organisms in the soil.

48. (a) Mention any two condition that lead to rusting.

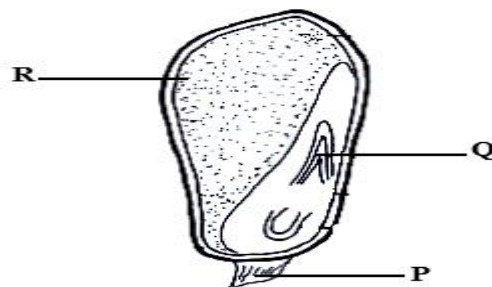
(i) \_\_\_\_\_

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

(b) Why is rusting said to be a chemical change?

(c) Give one way of preventing metals from rusting

49. The diagram below shows a maize grain. Study it and use it to answer question that follow.



(a) Name the part marked P and Q

P \_\_\_\_\_ Q \_\_\_\_\_

(b) State the function of part R on a maize grain.

(c) How is a maize grain called a fruit?

50. (a) Mention two ways of storing sound.

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

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

(b) Name the parts of the human ear that amplify sound vibrations.

(c) Why are nerve impulses taken to the brain from the ear?

51. (a) State one reason why you would group a spiny an and duck billed platypus together.

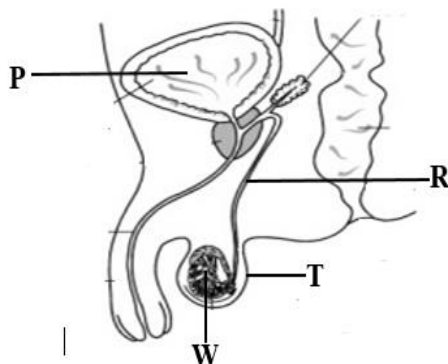
(b) Give any one characteristic that differentiates mammals from other vertebrates.

(c) Mention two groups of vertebrates that are cold blooded.

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

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

52. **The diagram below shows the male reproductive organ. Sue it to answer questions that follow.**





(a) Name part marked T.

---

(b) Which part on the diagram above manufactures sperm cells?

---

(c) Mention one disease that affects the system shown above.

---

(d) Give one way of caring for the system in the diagram above.

---

**53. Match the following accidents with their first aids given.**

**Accidents**

**first aids**

(a) Fainting

mouth to mouth breathing

(b) Fever

raise legs higher than the head level

(c) Burns

pour clean cold water on burnt part

(d) Near drowning

tepid sponging

(a) Fainting

---

(b) Fever

---

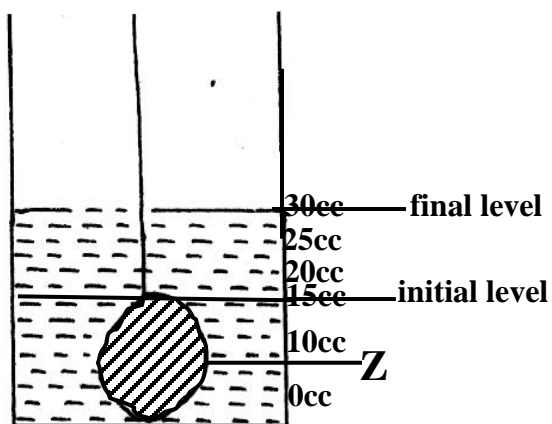
(c) Burns

---

(d) Near drowning

---

**54.** The experiment below was conducted by a P.5 class. Use it to answer questions about it.



(a) What method of finding volume is shown in the experiment?

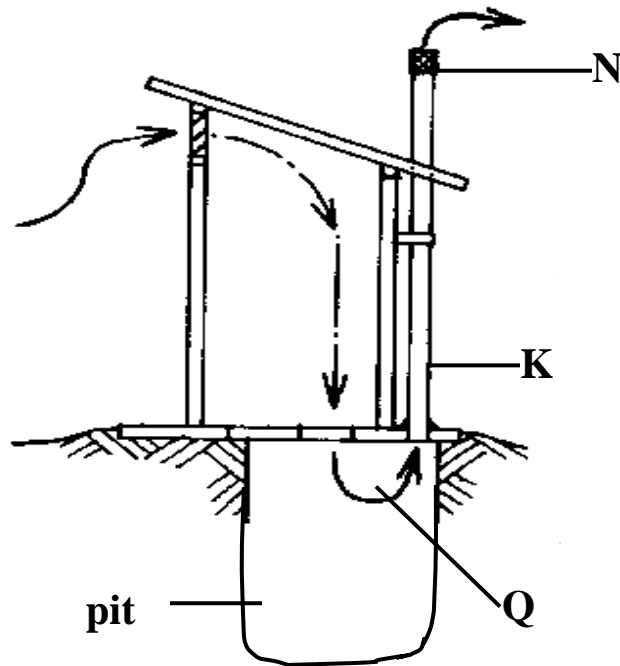
---

(b) Name any one object at **Z** apart from a stone.

---

(c) Calculate the volume of the stone? (2mks)

55. Below is a diagram of a VIP latrine. Use it to answer questions about it.



(a) Name the parts labelled **N** and **K**.

N \_\_\_\_\_ K \_\_\_\_\_

(b) What do arrows marked **Q** represent?

---

(c) State the function of part **K**?

---

**THE END**