



**ST MARK NURSERY & PRIMARY SCHOOL**  
**NYENJE MUKONO (GOMA DIVISION)**  
**END OF TERM I EXAMINATIONS 2023**  
**SCIENCE P.7**

Name .....

School .....

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**  
**TIME ALLOWED 2 hours 15 minutes**

**Read the following instructions carefully:**

1. This paper has **two** sections ; section **A** and section **B**

2. Section A has **20** questions (**40 marks** ) and Section **B**  
has **12** questions (**60 marks** )

3. Answer **all** Questions, answers to both sections must  
be written in spaces provided.

4. All answers must be written in **blue** or **black** ink  
and diagrams must be drawn using pencil

5. **Un necessary** alternation of work may lead to loss  
of marks

6. Any handwriting that cannot easily be read may lead  
to loss of marks.

7. Do not fill any thing in the table indicated for examiners

FOR EXAMINERS USE ONLY	
SECTION	MARKS
A	
B	
TOTAL	

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*Turn over*

## SECTION A

1. Which body system contains the organ used for pumping blood to the rest of the body.  
\_\_\_\_\_
2. What term refers to the rearing and management of domestic birds?  
\_\_\_\_\_
3. Give the reason why displacement method is used to find volume of irregular objects.  
\_\_\_\_\_
4. Give one way how fowl pox can be prevented in poultry.  
\_\_\_\_\_
5. State any one way of acquiring artificial immunity.  
\_\_\_\_\_
6. How are chameleon slow moving animal able to survive predators?  
\_\_\_\_\_
7. How is a scorpion different from other arachnids in terms of reproduction?  
\_\_\_\_\_
8. Identify the state of matter in which sound travels fastest.  
\_\_\_\_\_
9. How can a p.7 child prevent the spread of HIV/AIDS?  
\_\_\_\_\_
10. Can the amount of blood in circulation be increased?  
\_\_\_\_\_
11. Mention the best way of storing essential drugs.  
\_\_\_\_\_
12. How do conifers reproduce?  
\_\_\_\_\_
13. Identify the effects of internal parasites in cattle.  
\_\_\_\_\_
14. Mention any one example of resources we get from the environment.  
\_\_\_\_\_
15. How are the Lungs Protected within the body?  
\_\_\_\_\_
16. In which part of the body does respiration take place.  
\_\_\_\_\_
17. Give the reason why filtered water is not safe for drinking?  
\_\_\_\_\_
18. Explain why we should sort clothes first before washing them?  
\_\_\_\_\_
19. State the difference between ascidia and annelids.  
\_\_\_\_\_
20. Why should VIP Latrines be kept uncovered?  
\_\_\_\_\_
21. How is the Light through the vent pipe important to a VIP Latrine?  
\_\_\_\_\_

22. In which part of the female reproductive system does fertilization take place?

23. Give one importance of burrows to rodent like rats.

24. Write one way in which rodents are disadvantage to a crop farmer.

25. How do reptiles reproduce?

26. What first aid can be given to someone who has been bitten by poisonous snake?

27. Apart from hiding from enemies, how ease is camouflaging important to a chameleon?

28. Give any one similarity between fish and amphibians.

29. State one function of a jelly like substance which is found in eggs of frogs and toads

30. Name one moils which lves in fresh water.

31. How does the snail protect it seat from danger?

32. State the types of skeleton that Earthworms have.

33. Which water borne disease is caused by the bilharzias' flukes?

34. What good heath habit should be practiced before visiting the Latrine so as to control hook worm infection?

35. How is mowing important to arthropods?

36. Give one example of insects that undergo incomplete metamorphosis.

37. Apart from houseflies, give any one other insect that is a reefers.

38. How is sound produced?

39. Mention one way of increasing the pitch of percussion musical instruments

40. what is an echo?

41.(a). How are bone marrows important to our circulatory system?

(b). How is the skull useful to the body?

(c). Which part of the skeleton projects the Lungs and the heart?

(d). What type of skeleton does a rat has?

42(a). What name is given to the hardest tissue found in ail vertebrates?

(b). Name one example of the following type of bones

(i) Long bones; \_\_\_\_\_

(ii ) Flat bones; \_\_\_\_\_

(iii) irregular out shape bones; \_\_\_\_\_

43(a). Name the two main categories of dints.

(b) . How is a ball and socket joint defend from a hinge join?

(c). What name is given to the fluid which reduces friction in ball and socket joint during movement?

44.(a). Name two types of muscles.

(b). How are muscles important in the human body?

(c). Name the structure which attaches muscles to bones.

45.(a) Give the meaning of the following terms;

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

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

(b). How is attracter different from dislocation?

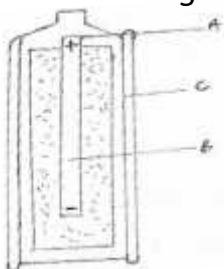
(c). Why is calcium important in one diet?

46.(a). Name the two types of electricity.

(b). Explain briefly how static electrify is produced.

(e). How is direct current different from Alternating current?

47. Below is diagram of a dry cell ,use it to answer the questions that follow.



a) Name the parts labeled

A; \_\_\_\_\_

B; \_\_\_\_\_

b) Give the importance of the part marked B

c) Write the voltage of a new dry cell

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48. (a). Give the two electrodes used in simple cells.

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

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

(b). state two differences between primary and secondary cells.

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

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

49.(a). Name energy change that takes place in the electric bulb

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(b). Name any one gas which is put in an electric bulb.

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(c). Why is the filament of an electric bulb coiled?

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(d). Why can't oxygen be used in filling the electric bulb?

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50.(a). What is static electricity?

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(b). Name any two materials that can produce static electricity?

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(c). Give one different between static electricity and current electricity.

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51.(a). What term is used to refer to an area around the magnet where magnetism is felt ?

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(b). Name the two poles of magnet.

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(c). Where do the natural magnets found?

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52.(a). Give the meaning of following terms.

(i) Energy

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(ii) matter

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(b). How are renewable resources different from Nonrenewable resource?

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(c). Name one example of non-renewable resources?

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53(a). What form of energy is stored in plants?

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(b). How is charcoal obtained from plants?

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(c). In which way do plants purify air in the atmosphere?

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(d). How are plants important in the rain cycle?

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54 (a). Give two ways in which machine can simplify work.

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(b). A boy pushes a trolley in the super market. If he exerts a force of 30N on the trolley and moves it a distance of 10m.

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(c). Give two examples of first class of Levers.

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(d). State one advantage of first class Levers.

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(e). Which name is given to the turning point of the machine.

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(f). State any one principle of moments.

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55.(a). state any one principle of moments.

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(b). A man weighs 60kgf. He sits 2m from the fulcrum of the see saw. How far from the fulcrum will the boy whose weight is 30kgs sit in order to balance the man

