



# Tekart Learning

END OF TERM III EXAMINATIONS 2023

PRIMARY SIX

INTEGRATED SCIENCE

TIME ALLOWED: 2 HOURS 15 MINUTES

Name \_\_\_\_\_ Stream \_\_\_\_\_

School \_\_\_\_\_

District \_\_\_\_\_

Read the following instructions carefully.

1. This paper is made up of two Sections: A and B. Section A has 40 questions (40 mark and Section B has 15 questions (60 marks).
2. Attempt all questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will NOT be marked.
4. Crossing out of answers will lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.

## FOR EXAMINERS USE ONLY

QN. NO.	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50– 52		
53 – 55		
TOTAL		



## SECTION A.

1. Name one liquid that can float on water.

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2. Write one word that refers to the physical change of state from vapour to water.

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3. Give any one way of managing wastes in the environment.

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4. Which immunisable disease in children is fought using the **BCG** vaccine?

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5. What is the use of the above tool to crop farmers?

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6. Name the type of bees in a hive that mate with the queen bee.

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7. Give one structural difference between arteries and veins.

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8. Why do some plants like pumpkins climb other plants?

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9. How can a P.6 pupil prevent himself/herself from getting infected with HIV/AIDS?

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10. Give the component of air used in stopping fire outbreak.

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11. Name any one organ which is damaged when an individual over depends on alcohol.

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12. Give any one cause of dehydration among children.

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13. Which element of weather is measured using a hygrometer?

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14. Name the human body organ found in the head that helps us to remember things.

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15. Write down any one danger of having poor shelter.

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16. Name any one component of soil.

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17. Write down any one content of a first aid box.

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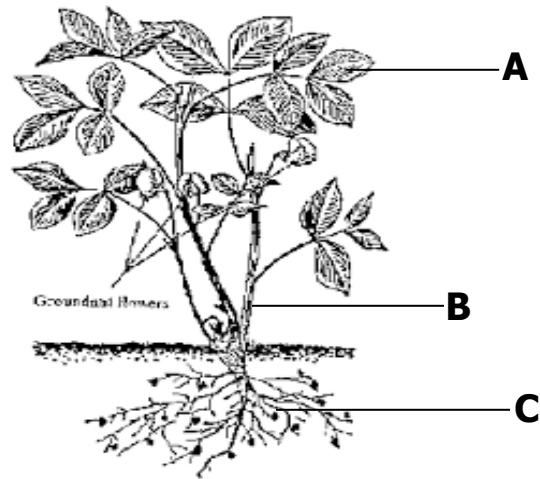
18. Give any one disorder of the digestive system.

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19. Why should layers be fed on feeds containing enough calcium.

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The diagram below shows a plant. Use it to answer question 20.



20. Which letter shows the structure used by the plant to take in water?  
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21. Why are fire extinguishers painted with bright colours?  
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22. Why is it important for people to keep their bodies clean?  
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23. Write down any one way in which people can destroy their environment.  
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24. Give one example of a leguminous crop.  
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25. State any one way in which people can manage rainy weather.  
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26. Insects have three main body parts. Give any one of them.  
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27. Name one activity done at school to prevent the spread of faecal diseases.  
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28. How can a poultry farmer prevent diseases that attack poultry?

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29. Write down any one insect that stings.

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30. State any one natural cause of changes in the environment.

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31. How do clouds bring changes in temperature?

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32. Name the sense organ that helps one to detect a dog barking.

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33. Give any one source of water.

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34. Name the type of energy possessed by a moving object.

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35. Name the deficiency disease the person is suffering from.



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36. State any one element of Primary Health Care.

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37. How can we prevent accidents that happen in our classrooms?

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38. How does boiling make water safe for drinking?

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39. State any one effect of alcohol to an individual.

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40. Why should a school have a first aid box?

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### SECTION B

41. (a) In one sentence, give the meaning of the term “plant propagation”.

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(b) How are the following plants propagated?

(i) Banana -----

(ii) Cassava-----

(c) Name any one plant that produces fibre.

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42. (a) Give any two reasons why animals move from one place to another.

(i) -----

(ii) -----

(b) How do the following animals move?

(i) snake -----

(ii) frog -----

43. (a) List down any one food stuff that can be preserved by the following ways.

(i) Smoking-----

(ii) Sun drying -----

(iii) Pasteurization -----

(b) Give one importance of preserving food.

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44. (a) Write down the first thing you would do when preparing ORS at home.

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(b) Name any two materials used in making ORS.

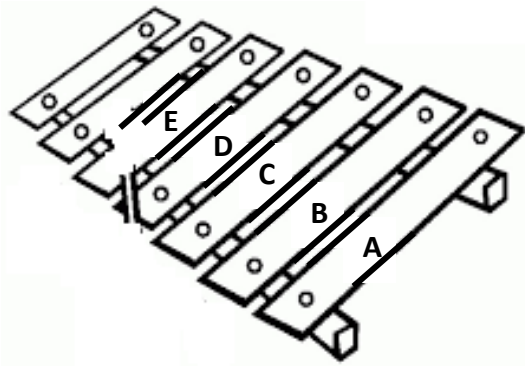
(i) -----

(ii) -----

(c) How is ORS useful to a dehydrated person?

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45. The diagram below is of a musical instrument. Use it to answer the questions that follow.



(a) Name the musical instrument above.

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(b) How does the instrument above produce sound?

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(c) Identify the bar which will produce the lowest pitch.

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(d) To which group of musical instruments does it belong?

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46. (a) State the role of the human heart.

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(b) Name the blood component that transports oxygen to all body parts.

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(c) Give any **two** ways in which you can increase the amount of blood in your body?

(i) -----

(ii) -----

47. (a) Write any **one** disease that results from active smoking.

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(b) Give any **two** reasons why people smoke.

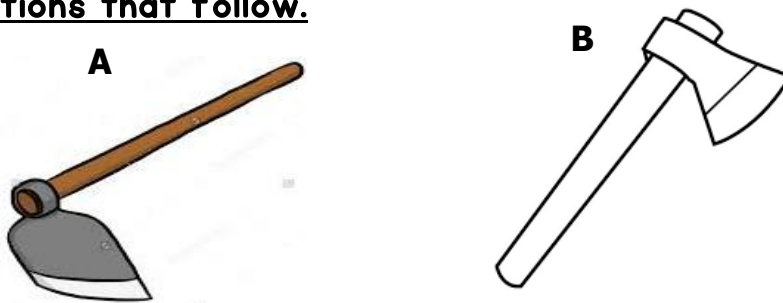
(i) -----

(ii) -----

(c) Name any **one** life skill that can safe guard you against smoking.

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48. **The diagrams below show garden tools. Study them and answer the questions that follow.**



(a) Name the garden tools marked A and B.

A -----



B -----

(b) Give one use of tool marked B at home.

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(c) State any one way of caring for garden tool A.

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49. (a) Write the following abbreviations in full.

(i) AIDS -----

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(ii) HIV -----

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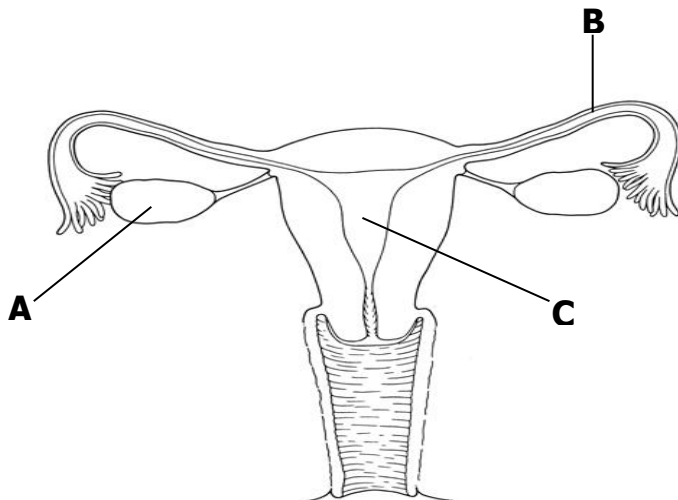
(b) How is PIASCY useful to school children?

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(c) Write any one PIASCY message.

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50. The diagram below is of the reproductive system of a woman.



(a) Name the parts marked by letter A and C.

(i) A -----

(ii) C -----

(b) Give the function of part marked with letter A.

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(c) Identify any one sexually transmitted disease that attacks the system above.

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51. (a) How do hookworms enter our bodies?

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(b) State one danger of hookworms to people.

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(c) Write down two health habits that can help people to avoid worm infestation.

(i) -----

(ii) -----

52. (a) Name two materials farmers use to mulch a garden.

(i) -----

(ii) -----

(b) Give any two importance of mulching.

(i) -----

(ii) -----

53. Match the following diseases in A to B correctly.

A

B

Yellow fever

amoeba

Malaria

trypanosomes

Sleeping sickness

virus

Dysentery

plasmodium

- (i) Yellow fever -----
- (ii) Malaria -----
- (iii) Sleeping sickness -----
- (iv) Dysentery -----

54. (a) What is food taboo?

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(b) How does food taboo lead to malnutritional diseases?

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(c) Identify one advantage of food taboo.

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(d) Give any one effect of poor feeding to babies.

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55. (a) Name the instrument we can use to see bacteria.

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(b) State two ways in which bacteria are useful to people.

(i) -----

(ii) -----

(c) How are bacteria different from yeast in terms of reproduction?

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**THE END**