

# THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

SUBJECT INTEGRATED SCIENCE

CLASS PRIMARY FOUR

DURATION 2 hours 15 minutes

Name: \_\_\_\_\_

School: \_\_\_\_\_

District: \_\_\_\_\_

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**).
3. Section **B** has **15** questions (**60 Marks**).
4. Attempt all questions in both sections. All answers to both sections **A** and **B**, must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or **ink**. Only diagrams and graph work must be done in **pencil**.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated "FOR EXAMINER'S USE ONLY"

## For Examiner's Use Only:

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## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention any **one** component of a clean home.  
\_\_\_\_\_
2. State the method of soil formation that involves decaying of organic matter.  
\_\_\_\_\_

The diagram below is of an animal. Study and use it to answer question 3.



3. Which food value is got from eating the above drawn animal?  
\_\_\_\_\_
4. Mention the natural cause of change that is managed by clearing water trenches.  
\_\_\_\_\_
5. Give any **one** effect of an accident to an individual.  
\_\_\_\_\_
6. Which domestic animal uses a kennel as its habitat?  
\_\_\_\_\_
7. Name any **one** common disease that spreads through mosquito bites.  
\_\_\_\_\_
8. How useful are spiracles to an insect?  
\_\_\_\_\_
9. Give **one** use of plant leaves to people.  
\_\_\_\_\_
10. State **one** activity a P.4 child can do to conserve water in a well.  
\_\_\_\_\_
11. Mention the importance of brushing our teeth regularly.  
\_\_\_\_\_
12. Write any **one** sign of poor feeding among infants.  
\_\_\_\_\_
13. Apart from the shoot system, give the other system of flowering plants.  
\_\_\_\_\_  
\_\_\_\_\_

14. Give **one** characteristic of a cow as a living thing.

15. State any **one** activity done by farmers during rainy weather.

16. Which type of soil has the finest particles?

The diagram below is of part of the human arm. Study and use it to answer question 17



17. Name the body part shown in the diagram above.

18. Why should a First Aider be quick at decision making?

19. Give **one** human activity that damages our environment.

20. Mention **one** item in a shop that is measured in kilogrammes.

21. How can people who keep cats prevent the easy spread of rabies in their communities?

22. Name **one** item used to keep our pit latrines clean.

23. State **one** activity a P.5 child can do to care for crops during sunny weather.

24. What are social insects?

25. Which component of air enables a seed to germinate?

26. Name the element of weather which is an agent of soil erosion.

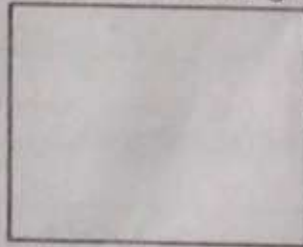
27. Mention any **one** vector that is as a result of a dirty environment.



The diagram below is of a first aid box. Study and use it to answer question 28



28. Identify any one item that is kept in the above box.
29. Which property of air enables people to suck drinks using straws?
30. Write one crop whose stem is eaten as food.
31. How is a mop useful in the control of dust on the floor in a house?
32. Which solute in ORS provides energy to a dehydrated victim?
33. State any one process involved in the water cycle.
34. Write any one way a P4 child can take care of animals at home.
35. Give one importance of food in the human body.
36. State one way of saving firewood at home.
37. How best do parents prevent immunisable diseases among their children?
38. Name the clouds which are a sure sign of rain.
39. In the space below, draw any one dangerous object.



40. How does a chameleon protect itself from enemies?

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) What is personal hygiene?

b) Mention any two items used to promote personal hygiene.

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

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

c) Name one disease a person can get due to poor personal hygiene.

42. a) Write any two products got from domestic animals.

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

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

b) Mention two ways of caring for animals at home.

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

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

43. Match these garden tools to their uses.

(a)



for carrying harvested crops

(b)



for cutting tall grass and cereals

(c)



for digging out weeds in a garden

(d)



for collecting cut weeds

44. a) Name the two forms of energy given out by the sun.

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

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

b) Give two dangers of too much sunshine in our environment.

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

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

45. a) Name the sanitary items in a home needed for carrying out the following activities;

i) putting washed utensils to dry: \_\_\_\_\_

ii) bathing: \_\_\_\_\_

b) Write **two** importance of promoting sanitation in a given area

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

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

46. a) What does letter 'V' stand for in HIV?

b) Which communicable disease is caused by HIV?

c) State any **one** way HIV can spread among people in our community.

d) Name the programme in schools that safeguard youths from the HIV germ.

47. The diagram below is of a domestic bird. Study and use it to answer the questions that follow.



a) Name parts marked with letters B and C.

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

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

b) How is part marked with letter B useful to a domestic bird?

c) Name any **one** product got from such a domestic bird.

48. a) Give any **two** common tree crops grown in the compound.

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

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

b) State any **two** ways of controlling soil erosion in the school compound, apart from planting trees.

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

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



49. a) Tick (✓) **two** activities done by crop farmers during the wet season from the list below.

(i) drying seeds ☐

(ii) planting ☐

(iii) painting ☐

(iv) weeding ☐

(v) watering ☐

b) Give **two** examples of common weeds.

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

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

50. a) Name any **two** plants that grow well in swamps.

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

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

b) Write any **two** other uses of swamps apart from crop growing.

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

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

51. a) Write **two** ways of preserving food.

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

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

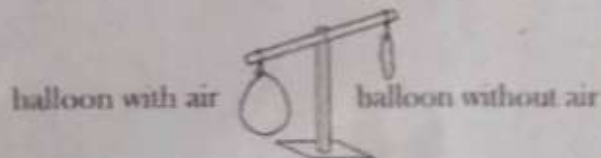
b) State **one** importance of preserving food.

\_\_\_\_\_

c) What health activity should a person do before eating food?

\_\_\_\_\_

52. a) Name the property of air shown in the diagram below.



b) Mention any **two** components of air.

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

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

c) Give any **one** use of moving air in our environment.

\_\_\_\_\_

53. a) Mention any two types of weather.

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

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

b) Apart from wind, give any one other element of weather that cools the environment.

c) Name the place where weather instruments are kept.

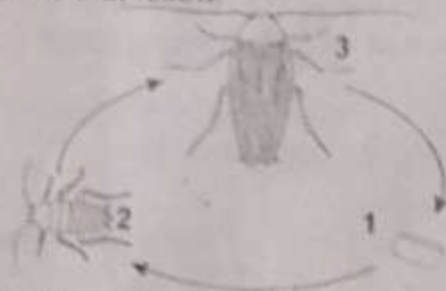
54. a) Write a word used to mean a person who has been involved in an accident

b) Give any one quality of a good First Aider.

c) Mention any one cause of common accidents at home

d) How can we prevent common accidents at home?

55. The diagram below is of a lifecycle of a certain insect. Study and use it to answer the questions that follow.



a) Name the type of life cycle shown above.

b) Which insect is shown in the life cycle above?

c) Give the difference between stages marked with number 2 and number 3.

d) Write any one disease spread by the above vector to people.



# THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

SUBJECT : MATHEMATICS  
CLASS : PRIMARY FIVE  
DURATION : 2 hours 30 minutes

Name: \_\_\_\_\_

School: \_\_\_\_\_

District: \_\_\_\_\_

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B
2. Section A has 20 questions (40 Marks)
3. Section B has 12 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
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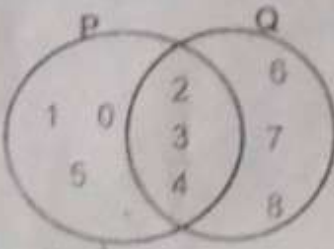
# SECTION A: 40 MARKS

Attempt all questions in this section  
Questions 1 to 20 carry two marks each.

Questions 1 to 20 carry two marks each.

1.	Work out; $\begin{array}{r} 7 \quad 2 \\ + 2 \quad 6 \\ \hline \end{array}$	2.	Find the digit in the place value of thousands in 42,957.								
3.	Name the set symbol below. <div style="text-align: center; font-size: 2em;">U</div>	4.	How many <b>days</b> are in the month of December?								
5.	Change <b>4kg</b> to grammes.	6.	List all the <b>odd</b> numbers less than ten.								
7.	In the space below, <b>draw a cube</b> .	8.	Arnold bought a cake at sh.1,000 and sold it at sh.1,500. Find his <b>profit</b> .								
9.	Find and fill in the box. <div style="display: inline-block; border: 1px solid black; width: 30px; height: 30px; vertical-align: middle;"></div> + 9 = 29	10.	Work out; <table><tr><th>litres</th><th>millilitres</th></tr><tr><td>3</td><td>940</td></tr><tr><td>+ 4</td><td>260</td></tr><tr><td colspan="2"><hr/></td></tr></table>	litres	millilitres	3	940	+ 4	260	<hr/>	
litres	millilitres										
3	940										
+ 4	260										
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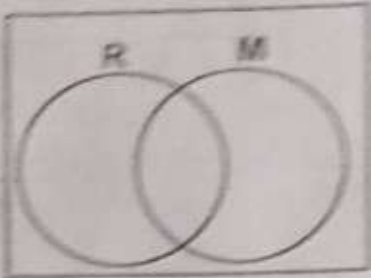
11.	Draw a tally symbol to represent 22 books	12.	Express $\frac{17}{4}$ as a mixed number
13.	On the farm, there are 12 goats. If 9 goats were sold, Work out the number of goats that remained.	14.	Each pupil in P3 class had 142 mangoes. Express the mangoes on the abacus below. <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> <span>Hundreds</span> <span>Tens</span> <span>Ones</span> </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></div> </div>
15.	Write the next equivalent fraction to $\frac{2}{3}$ _____	16.	What afternoon time is shown on the clock face? 
17.	Using a protractor, a ruler and a pencil only, draw an angle of $70^\circ$ .	18.	Find the next number in the sequence: 10, 20, 30, 40, _____
19.	Use the sets below to answer the question below. List members of $P \cap Q$ . <div style="text-align: center; margin-top: 10px;">  </div>	20.	Work out; sh. 7,000 + sh. 8,000.



# SECTION B: 60 MARKS.

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets.

21	<p>Given that; set <math>R = \{1, 3, 5, 7, 9, 11\}</math> and set <math>M = \{2, 3, 5, 7, 10\}</math></p> <p>(a) How many elements are in set</p> <p>i) <math>R</math>?</p> <p>ii) <math>M</math>?</p>	(b)	<p>Represent the two sets on the venn diagram below (03 Marks)</p> 
22.a)	<p>Subtract 43 from 98</p> <p>(02 Marks)</p>	(b)	<p>Ogwong had 36 pencils to be shared equally among the six children at Kyalo Primary School. How many pencils did each child get?</p> <p>(02 Marks)</p>
23.a)	<p>Fill in the missing number.</p> <p><input type="text"/> <math>\times 4 = 36</math> (02 Marks)</p>	(b)	<p>I think of a number, add 16 to it and the result is 48. Find the number.</p> <p>(03 Marks)</p>



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P.5 MATHEMATICS BEGINNING OF TERM I EXAMINATIONS - 2024

FOSTER CRITICAL THINKING AND EXPERIENCE. ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

TECNO  
POPS

24. a) Show a quarter past 8 o'clock on the clock face below.

(02 Marks)



(b) Work out;

(02 Marks)

weeks    days

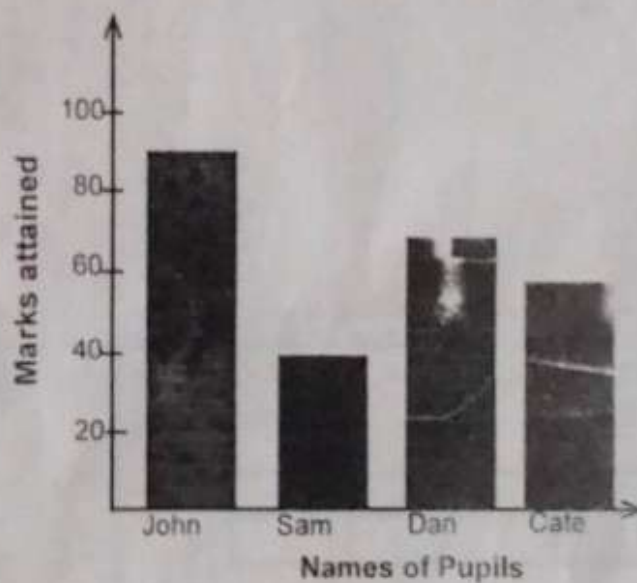
5            4

- 2            3

(c) Write two days of the week that start with letter "T".

(02 Marks)

25. The bar graph shows four pupils with their marks in mathematics mid-term test. Use it to answer the questions that follow



(a) How many pupils did the test?

(02 Marks)



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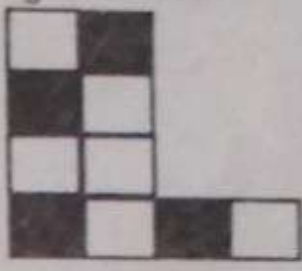
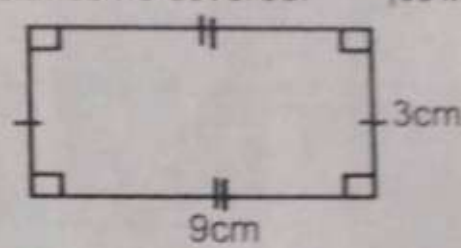
**P.5 MATHEMATICS BEGINNING OF TERM I EXAMINATIONS - 2024**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANION

**TECNO  
POP5**

(b)	Find the <b>total</b> marks obtained by John and Cate. (02 Marks)	c)	Take away the lowest mark from the highest mark. (02 Marks)						
26.a)	Using a ruler, a pencil and a pair of compasses only, construct a rectangle with length 6cm and width 4cm. (04 Marks)								
27.a)	Complete the table below of digit 5. (04 Marks) <table border="1" data-bbox="288 1503 788 1603"> <thead> <tr> <th>Number</th> <th>place value</th> <th>value</th> </tr> </thead> <tbody> <tr> <td>65327</td> <td></td> <td></td> </tr> </tbody> </table>	Number	place value	value	65327			(b)	Using the values, expand 65327. (02 Marks)
Number	place value	value							
65327									



<p>28.a) Work out; <math>\frac{1}{12} + \frac{4}{12}</math> (02 Marks)</p>	<p>b) Write the unshaded fraction on the diagram below. (02 Marks)</p> 
<p>29.a) Express 43 meters as centimeters. (02 Marks)</p>	<p>b) Amos moved thrice the rectangular floor below. Find the distance he covered. (03 Marks)</p> 
<p>30.a) Omoding had sh.5,000 and his aunt gave him sh.8,000. How much money did he have altogether? (02 Marks)</p>	<p>b) Annet bought a radio at sh.30,000 and she later sold it at sh.25,000. Work out her loss. (02 Marks)</p>

