# THE SIPRO END OF TERM III EXAMINATIONS 2024

SUBJECT : MATHEMATICS

CLASS : PRIMARY SIX

DURATION : 2 hours 30 minutes

Name :

School :

District :

| For Examiner's Use Only: | | |
|---|---|---|
| **PAGES** | **MARKS** | **INITIALS** |
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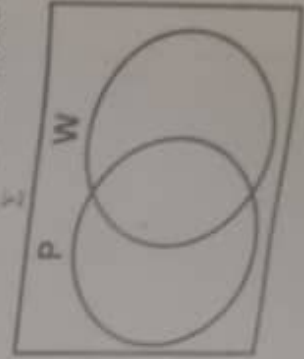
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|---|---|---|---|
| 9. | Think of a number, add 6 to it, the result is 36. What is the number? | 10. | Work out: $20 \div 5 + 5$ |
| 11. | Ronitah bought a watch in Kenya at Ksh 1,500. How much did she pay in Uganda shillings if 1Ksh = Ug sh. 30? | 12. | Find the median of 90, 86, 80, 90 and 75. |
| 13. | Kaunda turned anti-clockwise to face Southeast through an angle of $135^\circ$. Work out his original direction. | 14. | Work out: $\dfrac{2}{3} - \dfrac{1}{5}$ |
| 15. | Use >, < or = to complete the mathematical statement below.  $^+4$ _____ $^+8 + 4$ | 16. | Calculate the area of the figure below.   |
| 17. | Solve: $2n - 5 = 15$ | 18. | Find the square root of 196. |

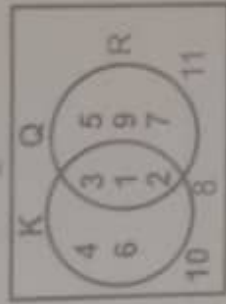| 19. | The length of each edge of the figure below is 10cm. Find its volume. | 20. | With the help of a ruler, a sharp pencil and a pair of compasses only, construct an angle of 120°. |
|---|---|---|---|



## SECTION B: 60 MARKS

*Attempt all questions in this section.*

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

**21. a)** Divide 1515 by 3.  (02 marks)

**b)** A P5 class of Mukono Junior has 5 streams, each stream has 40 learners. If each learner was given 5 readers; How many readers were given to primary five?

(03 marks)

**22. a)** Mangeni is twice as old as Jacob. If their total age is 84, How old is Mangeni?  (03 marks)

**b)** How old will Jacob be in 8 years to come? (02 marks)

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## 23

The bar graph below shows the number of learners in different classes. Study and use it to answer the questions that follow.



| a) | Which class has the least number of learners? (01 mark) | b) | Which classes have the same number of learners? (01 mark) |
|---|---|---|---|
| c) | How many more learners are in primary five than in primary three? (01 mark) | d) | Calculate the average number of the learners. (02 marks) |
| 24a) | Write 7.43 in words. (02 marks) | b) | **Work out: 4.02 + 3.5** (02 marks) |

# SECTION A: 40 MARKS

*Attempt all questions in this section.*

*Questions 1 to 20 carry two marks each.*

| | |
|---|---|
| **1.** Work out: 23 + 45. | **2.** Add:  hours   mins<br>     2 : 30<br>   + 2 : 20<br>   _____ |
| **3.** Moses was born in 2001. Express his age now in Roman Numerals. | **4.** Find the sum of the first 3 odd numbers. |
| **5.** List the elements of K U Q.<br> | **6.** What is $\frac{1}{4}$ of 2? $\frac{1}{3}$ |
| **7.** Write 90,010 in words. | **8.** Shade the complement of P ∩ W on the venn diagram below.<br> |

| 30 | Atuhaire went to the market and bought the following items. |
|---|---|
| | 2kg of meat at sh. 14,000 every kg. |
| | 3kg of rice at sh. 5,000 per kg. |
| | 500ml of cooking oil at sh. 6,000 a litre. |
| | $1\frac{1}{2}$ bars of soap at sh. 6,000 |

| a) | Find her total expenditure. | b) | If she was given a change of sh. 8,000. Calculate the money she had at first. |
|---|---|---|---|
| | *(04 marks)* | | *(01 mark)* |

| 31. | The sum of 3 consecutive integers is 33. |
|---|---|
| a) | Find the numbers. |
| | *(04 marks)* |
| b) | Find the average of the numbers |
| | *(02 marks)* |

| 32. a) | Simplify: 4 - ⁻6 |
|---|---|
| | *(03 marks)* |



| b) | The temperature on Mountain Egon was 25°c in the morning and it dropped by 4°c in the afternoon. What is its current temperature? |
|---|---|
| | *(02 marks)* |

| | | |
|---|---|---|
| 28.a) | With the help of a ruler, a pencil and a pair of compasses only, construct a rectangle ABCD where AB = 7cm and BC = 4cm. <br><br> (04 marks) | |
| b) | Measure diagonal line BD. <br><br> (01 mark) | |
| 29 | Use the Venn diagram below to answer the questions that follow. <br><br> A ⟍ S <br> s o j <br> h m r <br> q l e <br><br> | |

a) List the elements of set S.

(01 mark)

| | | | |
|---|---|---|---|
| b) | Find the number of subsets in set A. <br><br> (02 marks) | c) | Find n(A U S) <br><br> (02 marks) |

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