**KAMPALA PREPARATORY SCHOOL**

 **P. 3** MID TERM ONE **EXAMINATION 2025**

**MATHEMATICS**

 **DURATION: 2HRS 30MINS**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ STREAM**:\_\_\_\_\_\_\_\_\_\_\_

**DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

D**O** **NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**.

 **READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. **The 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**
5. **All answers should be written using a blue or black – point pen or ink.**
6. **Diagrams should be drawn in pencil.**
7. **Unnecessary alterations of work may lead to loss of marks**
8. **Any hand writing that cannot easily be read may lead to loss of marks.**
9. **All calculations should be shown**

|  |
| --- |
| **FOR OFFICIAL USE ONLY** |
| **SECTION** | **A** | **B** | **TOTAL** |
| **MARKS** |  |  |  |
| **COMMENT** |  |  |  |

**SECTION A**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Add : 4 5 + 1 3 | 2 | Write the shaded fraction |
| 3 | D:\2024\To Back\D - Storage\pics\CLIPART- SCHOOL OBJECTS\ball (2).jpgD:\2024\To Back\D - Storage\pics\Exam pics\utencils\pot.pngD:\To Back\D - Storage\pics\CLIPART- HOME OBJECTS\sweet (2).pngGiven the set Q ={ , , , } How many elements are in set Q? | 4 | What number is shown on the abacus? H T O  |
| 5 | What is the fourth day of the week? | 6 | Find the next number in the sequence0, 4, 8 , 12, 16 , \_\_\_\_\_\_\_\_ |
| 7 | Name the shape below  | 8 | Tell the time |
| 9 | One pen costs sh. 500. Find the cost of two pens. | 10 | Find the product of 4 and 5 |
| 11 | Write 5 in Roman numerals. | 12 | Shade P$ ∩$ R P R  |
| 13 | Sibtract 12 from 35 | 14 | Circle the greater number41 or 14  |
| 15 | Fill the correct sign $+ , - , × , ÷$ 5 2 = 10 | 16 | Write the place value of the underlined digit 5 2 9 6  |
| 17 | In P.3 class, There are 23 girls and 15 boys. How many pupils are in the class altogether   | 18 | Fill in the missing number6 + = 9  |
| 19 | Add using a number line 2 + 3 = \_\_\_\_\_\_\_\_\_\_\_\_ 0 1 2 3 4 5 6 7 | 20 | D:\2024\To Back\D - Storage\pics\CLIPART- OTHERS\happy boy.jpgStudy the diagram below and answer the questions. Sam (8kg)D:\2024\To Back\D - Storage\pics\CLIPART- OTHERS\happy boy.jpg  Tom (10kg)Who is lighter?  |
| **SECTION B** |
| 21 | Given that : Set M = { 1, 2, 3, 5, 6 }Set N = { 0, 2, 4, 6, 8, 9 }a) Represent the information given above on the venn diagram below (3marks) M N b) Find : R $∩$ S (2marks)c) How many elements are in R $∪S$ (2marks)   |
| 22 | a) Add: $\frac{4}{7}$ + $\frac{1}{7}$ = \_\_\_\_\_\_ (2marks)b) A boy had $\frac{5}{9}$ of a cake . He ate $\frac{2}{9}$ of it. What fraction remained? (2marks) (1mark)c) What fraction is shaded (1mark) |
| 23 | Complete the table below. (2 marks each)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Boys | 1 | 3 | \_\_\_\_\_\_ | 4 | \_\_\_\_\_\_ |
| Numbers of legs | 2 | \_\_\_\_\_ | 10 | \_\_\_\_\_\_ | 12 |

 |
| 24 | Joyce is 32 years old. Resty is 23 years old.a) Who is younger ? (1 mark)b) What is their total age? (2 marks) |
| 25 | a) Draw the following shapes ( 2marks)

|  |  |
| --- | --- |
| triangle | semi circle |
|  |  |

c) How many sides has a triangle. (1mark) |
| 26 | a) Add: 3 0 5 (2marks) + 1 2 8b) Write “Three hundred eighty Six “ in figures. ( 2 marks)c) Expand 3 7 4 8 using values. ( 2marks) |
| 27 | a) Given the digits 2, 4 and 1. Write two numbers that can be formed by rearranging the digits. (2marks)i) ii)b) What is the biggest number? (1mark)c) Write down the smallest number formed. (1mark) |
| 28 | Work out: ( show the working) (2marks each)  a) Divide 36 by 3 b) 8 9 6 - 3 3 5  c) 5 3 4 x 2 |
| 29 | Given the number 2 3 5a) Write the place value of 3 in the number. (1mark)b) What is the value of 2 in the above number. ( 1mark)c) Which number has been expanded to give (2 marks) 4000 + 500 + 20 + 9 |
| 30 | Use the price list below to answer questionsItem PriceA book sh. 500A sweet sh. 300A pencil sh. 150a) What is the most expensive item? (1marks)b) WHat is the cheapest item? ( 1mark)c) Find the total cost of a book and a pencil. (2marks) |
| 31 | Work out. ( 1mark each). a) + 2 = 9 b) - 4 = 4 c) $÷$ 2 = 5 d) x 3 = 12  |
| 32 | Study the graph below and answer questions that follow.

|  |  |
| --- | --- |
| Peter | D:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpeg |
| Pam | D:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpeg |
| Paul | D:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpeg |
| Pauline | D:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpegD:\2024\To Back\D - Storage\pics\Exam pics\ball.jpeg |

a) How many children have balls ? ( 1mark)b) Which two children have the same number of balls? (1mark)c) Who has the highest number of balls? ( 1mark)d) How many balls do the children have altogether ? ( 2marks)  |