## KINGS SCHOOLS -KABOWA

SECTION A (20 QUESTIONS - 40 MARKS)

1. Add: $24+3$
2. Write the fraction that is unshaded.
3. A mathematical set costs Shs.3000. How much will nine similar mathematical sets cost?
4. Write the single number that has been expanded to get $5000+800+7 ?$
5. $K=\{$ The first five letters of the English alphabet\}. List the members of set K.
6. Write the missing numbers in the sequence.
$5,6,8,11,15,20$, $\qquad$ .
7. Take away $\begin{array}{r}63124 \\ \hline-2115 \\ \hline\end{array}$
8. Circle the even numbers. $1,2,5,4,3,7$
9. Mugabe packed 25 phones in a box. How many phone were packed in 3 similar boxes?

| 11. Write the time shown on the clock face. | 12. Name the shape below. |
| :---: | :---: |
| 13. $\operatorname{Set} M=\{\triangle$, $\square$ . $\bigcirc$ $\square$ <br> $\operatorname{Set} G=\{$ $\qquad$ (1) \} <br> Write the common members of set $M$ and set $G$. | 14. Kamau spent 42 days in Kenya. How many weeks did he spend in Kenya? |
| 15. Subtract: $\frac{17}{49}-\frac{8}{49}$ | 16. Write the missing number in the box. <br> 312 - $\square$ $=301$ |
| 17. Complete the pattern. $\begin{aligned} & 1+2=3 \\ & 1+2+3=6 \\ & 1+2+3+4+10 \\ & 1+2+3+4+5= \end{aligned}$ $\qquad$ | 18. Gloria had 105 pencils. She shared them among five children. How many pencils did each child get? |

19. Kasirye eats 24 apples per day. Write the number of apples in Roman numerals.
20. Maria is a great farmer in Mawokota. She had 216 goats but lost 19 goats to thieves. How many goats did she remain with?

## SECTION B (12 QUESTIONS - 60 MARKS)

21. a) Write equivalent or equal sets. (2 marks)
(i) $G=\{18,19,20,26\}$
$H=\{26,18,20,19\}$
Set $G$ and $H$ are $\qquad$ sets.
(ii) $\mathrm{R}=\{1,2,3,4,5\}$
(2 marks)
$P=\{a, b, c, d, e\}$
$P$ and $R$ are $\qquad$ sets.
(b) Set $N=\{$ Boys who have seven eyes each $\}$
(2 marks) Set $N=$ ?
22. The figure below shows the road between the three homes.

(a) Find the distance Henry will cover if he goes to Mary's home and continues to Kato's home.
(2 marks)
(b) If Henry's cow walks around the three homes. Calculate in metres the distance covered by the cow.
23. Take away;

| 363 litres |
| ---: |
| -139 litres |
| $\quad$ litres |


| (b) | Kg 9 <br> 7 500 <br> +1 600 | (2 marks) |
| ---: | ---: | ---: |
|  |  |  |

24. Study the abacus below and answer the questions.
a) Complete the abacus

b) Write the number on the abacus in expanded form.
(2 marks)
25. (a) Add; $\frac{92}{200}+\frac{88}{200}$
(2 marks)
(b) Henry drank $\frac{1}{3}$ of the water in the bottle. What fraction of water was left in the bottle?
26. Complete by finding the missing number.
(a) $\square \times 3=18$
(2 marks)
(b) $\square-4=90$
(2 marks)
(c) $\square+8=100$
27. The diagram below shows the number of cars that participated in car a rally. Use it to answer the questions below.

a) How many cars participated on Monday?
b) Which day had more cars participating?
(2 marks)
c) Find the total number of cars that participated in the rally.

|  |  |
| :---: | :---: |
| 28. Write the place value of each digit. | (1 mark @) |
| (b) Find the sum of the digits that form the number 124? | (1 mark) |
| 29. Use the symbols $+,-, \boldsymbol{X}, \div$ to complete the following. <br> a) 3 $\qquad$ $2=6$ | (2 marks) |
| b) $9 \ldots 3=3$ | ( 1 mark) |
| c) $10 \ldots \ldots$ _ $4=14$ | (1 mark) |
| d) $8 \ldots 0=8$ | (1 mark) |

30. Study the shopping list below.

## Item

A book
An apple
A pencil
A pen cost Shs. 1000
Shs. 1200
Shs. 300
Shs. 1500
a) What is the cost of two books?
(1 mark)
b) Find the cost of buying an apple and a pencil?
(2 marks)
c) What is the total cost of buying all the items?
(2 marks)
31. The table below shows the activities Juma does every month.

| Month | Activity |
| :--- | :--- |
| January | Planting crops |
| February | Pays school fees Shs.200,000 |
| April | Sells his produce. |
| March | harvests 60 bags of irish potatoes |

(a) Which month does Juma collect bags of Irish potatoes?

|  |  |
| :---: | :---: |
| (b) How many months are shown in the table above? | (2 marks) |
|  |  |
| (c) Which activity does Juma do in the month of April? | (2 marks) |
| 32. a) Show the given time on the clock face. <br> (i) | (1 mark) |
| (ii) A quarter past 8 . | (2 marks) |
| (b) Add correctly. | (2 marks) |

