RAISE UP A CHILD SCHOOLS NURSERY & PRIMARY

END OF MARCH TERM I EXAMINATIONS, 2023

CLASS : P.7

SUBJECT : MATHEMATICS

DURATION : 2 ½ HOURS

Name _____

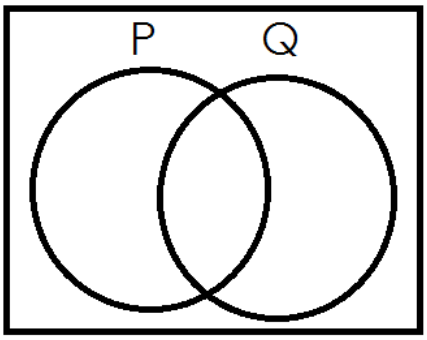
1. ***Avoid unnecessary crossing of work.***
2. ***Write well.***
3. ***Wrong spellings will lead to loss of marks***

SECTION (A)

1. Divide 45÷9

2. write 3009 in words

3. Shade $(QUP)^1$ in the Venn diagram below



4. Simplify : $^{-}6 + {}^{+}8$

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5. Express $3\frac{1}{4}$ kg to grammes

6. workout :

$$\begin{array}{r} 11001_{\text{two}} \\ -\ 111_{\text{two}} \\ \hline \\ \hline \end{array}$$

7. A motorist covered 180km in 3hours calculate his average speed.

8. The LCM of two numbers is 180 and their GCF is 6. Find the second number if the first number is 30 .

9. Decrease 1200kg by 20%.

10. Find the sum of the next two numbers in the sequence.

    3, 5, 8, 13, 20, _____, _____

11. Workout 364 x 25 using lattice method.

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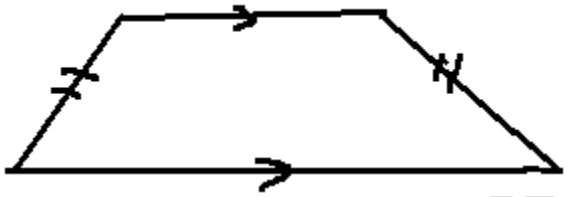
12.simplify :$\frac{1}{2} + \frac{1}{5}$

13.The mean of 13, 8, 7 and Y is 10. Find the value of Y

14.How mean hie of folding symmetry are on the shape below.

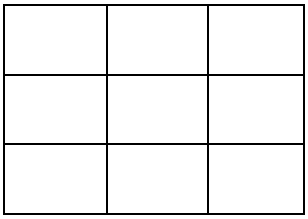


15.Find the space root of $1\frac{7}{9}$.

16.A school bursar withdraw five thousand shilling AQ00 4871 to AQ004970. How much did he withdraw?

17.Set R has 15 proper subsets, how many elements are in set R?

18.Shade $\frac{2}{3} of\ the\ figure\ below.$



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19. Express 54km /hr to metres per second.

20. workout $2 - \ 5 =$ _____ (mod 6)

Section B.

21. a) Workout : **(2mks)**

$$\begin{array}{r} 2\ 3\ 4 \\ +1\ 4\ 3_{\text{five}} \\ \hline \\ \hline \end{array}_{\text{five}}$$

b) Given that $32_t = 112_{five}$. Find the value of t **(2mks)**

22. Kamugisha bought the following items

3tins of blue band at sh.200 per tin.

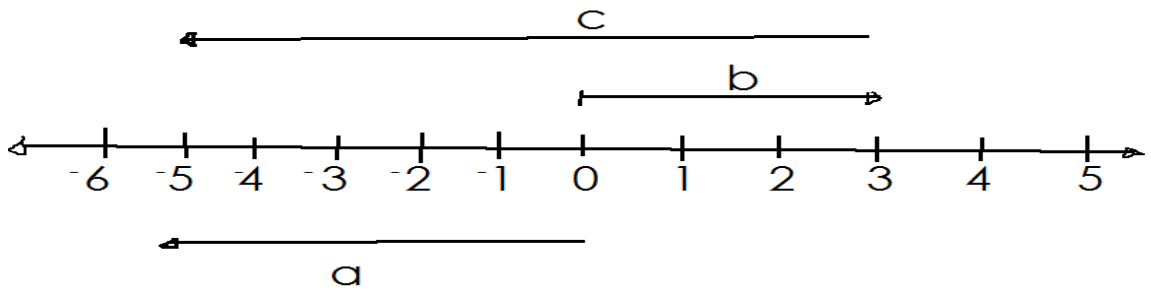
$2\frac{1}{2}$kg of meat at sh. 900 per kg.

500gs of sugar at sh.3000@ kg.

36 oranges at sh 1000 for every 9 oranges.

a) Calculate his total expenditure. (**5mks**)

23. Use the number line below to answer the questions that follow.



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a) Write the integer represented by the arrow: **(2mks)**

a = _____ , b = _____, c = _____

b) Write down the mathematical statement shown on the number line above. (**2mks**)

24.The table below shown the marks second by pupils in the SST test.

Marks	90	70	80	60
No of pupils	2	1	3	4

a) Find the number of pupils did the test. (1mk)

b) Workout the median mark. (2mks)

c) calculate the mean mark.(2mks)

25 .The sums of three consecutions odd numbers is 39. Find the numbers. (5mks)

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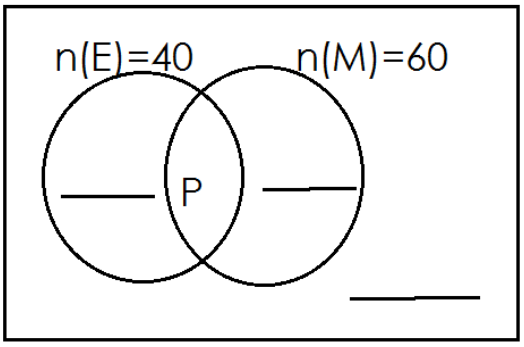
26. In a class of 90 pupils, 40 like English (E), 60 like Math (M), P like both subjects while 5 like other subjects.

a) Complete the Venn diagram. **(3mks)**



b) Find the number of pupils who like only one subject. (**3mks**)

27. a) Workout (**3mks**)

$$\frac{0.24 \times 0.66}{0.3 \times 0.3}$$

b) Simplify: $\frac{1}{3}$ of $1\frac{1}{3} \times 1\frac{1}{3}$

28. Two bells at Zion schools are rung at internals of 30 minutes and 40mm for lower and upper Primary respectively.

a) After how many minutes will the two bells ring together again? (**3mks**)

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b) If they last rung together at 8:30am, at what time will they ring together again? (**2mks**)

29. The figure below shows a magic square. Find the value of a, b, c, d and , e (**5mks)**

15	a	b
16	14	c
11	d	e

30. John left home at 9:30 and arrived in town at 11:00am travelling at a steady speed of 72km/ hr.

a) How long did the journey take? (**2mks**)

b) How for is the town from his home? (**3mks**)

31. a) Write the help of a pencil ruler and a pair of compasses only construct a triangle OPN such that NOP $=45^0$, OP = 7cm and OPN = 60^0 (**3mks**)

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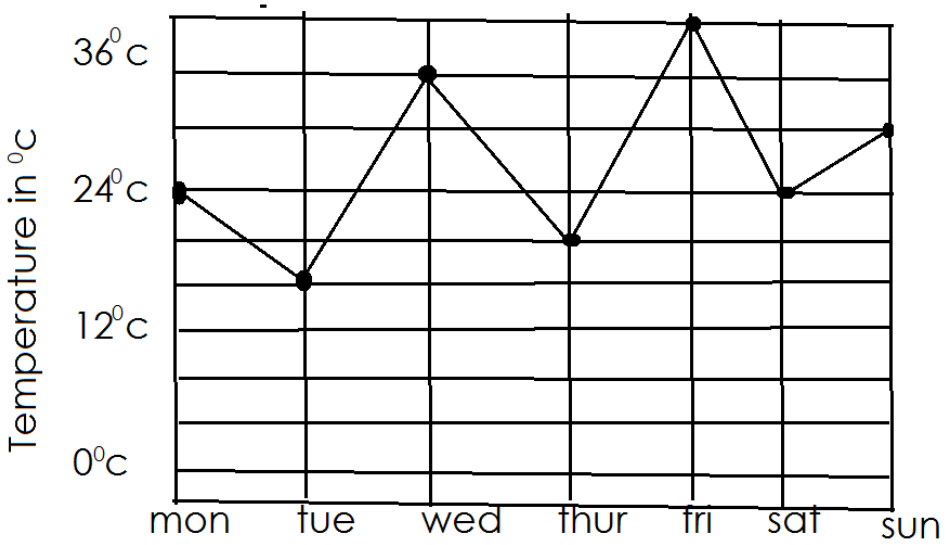
b) Measure line NP (**1mk**)

32. The graph below shows the temperature of a place recorded for a week.



a) What was the temperature recorded on Sunday? **(1mk)**

b) On which two days was the same temperature recorded? **(1mk)**

c) Find the range of the temperature recorded in the week. **(2mks)**

d) Calculate the total temperature recorded in the first four days of the week. (**2mks)**

*****END*****