

# KEYAZ CONSULTANCY

## MID TERM II EXAMINATION 2023

### P.5 MATHEMATICS

*Time Allowed: 2 hours 15 Minutes*

**Pupil's Name:** .....

**Class:** .....

**School Name:** .....

**Read the following instructions carefully:**

1. This paper has two sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated  
**"For examiners' use only"** and the  
boxes inside the question paper.

**FOR EXAMINERS'**

USE ONLY

Qn. No.	MARKS	EXR'S No.
1 - 10		
11 - 20		
21 - 30		
31 - 32		
TOTAL		

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**Turn Over**

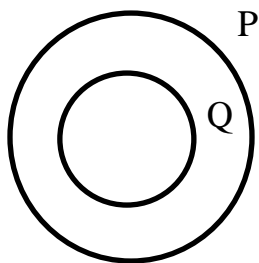
**Examination Board**

**SECTION A (40 MARKS)**

1. Work out:  $5 \times 0 \times 3 =$

2. Write “four hundred forty” in figures.

3. On the Venn diagram below, shade  $(P \cap Q)$



4. Simplify:  $4 + 3 \times 2$

5. Given that  $G = \{2_1, 2_2, 3_1\}$  and  $H = \{2_1, 3_1, 5_1\}$ . Find the G.C.F of H and G

6. There were 241 pupils in the school and 59 new joined. How many pupils are in the school altogether?

7. Divide:  $3 \overline{)402}$

8. Find the next numbers in the sequence.


5, 3, 8, 6, 11, 9, 14, 12, \_\_\_\_\_,  
\_\_\_\_\_

9. Change  $1 \frac{1}{2}$  to an improper fraction.

10. Write help of a ruler, pencil and a pair of compasses, construct an angle of  $60^\circ$  at point K.



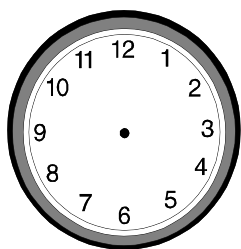
11. Find the square root of 4.

12. Given that  stands for 2 fruits, draw pictures for 10 similar fruits.

13. Find the missing number.

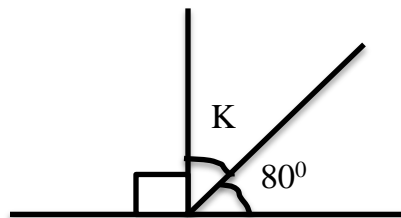
$$\boxed{\phantom{00}} + 3 = 3$$

14. A forty minute lesson started at 9:10am. Show the ending time on the clock face below.



15. Ojiambo bought a dress at shs.8500 and sold it to friend at shs.9000. How much profit did she gain?

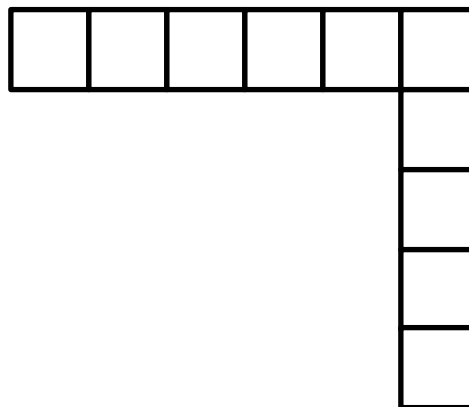
16. Find the size of angle marked k in degrees.



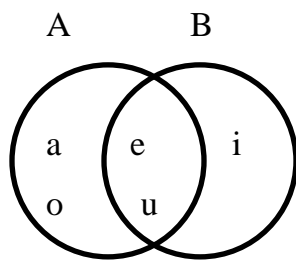
17. What is the additive inverse of -3?

18. Write  $(4 \times 1000) + (4 \times 10)$  in short.

19. Shade  $\frac{1}{2}$  in the figure below.



20. Use the figure below to answer questions that follow.

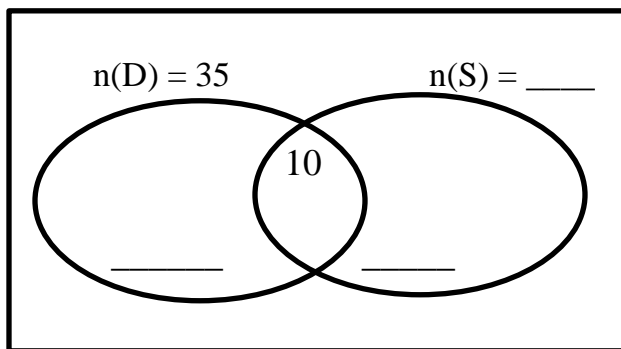


Find  $n(A-B)$

### **SECTION B (60 MARKS)**

21. In a school choir, 35 pupils like Dancing (D), 25 like Singing (S) and 10 like both singing and dancing.

a) Represent the above information on the Venn diagram below.



a) How many pupils are in the group altogether?

b) What is the probability that a pupil selected randomly likes singing only?

22.(a) What is the place value of the underlined digit in the number below?

1 3 4<sub>five</sub>

(b) Change 9<sub>ten</sub> to base five.

(c) Use dial method to work out;

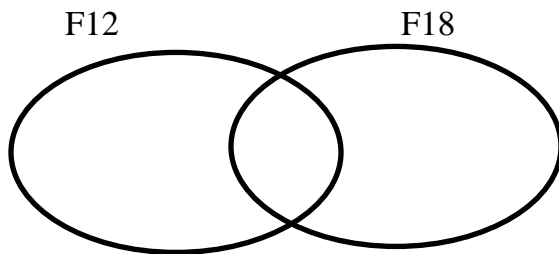
$3 + 2 = \underline{\hspace{2cm}}$  (finite 5)

23.(a) Add: 4 0 2

$$\begin{array}{r} + \quad 88 \\ \hline \\ \hline \end{array}$$

(b) Kadaga distributed 729 mosquito nets to Wankole sub-county and 345 mosquito nets to Kamuli town council. How many mosquito nets did she distribute altogether?

24. Prime factorise 12 and 18 and show their prime factors on the Venn diagram below.



25. Use a pair of compasses and a sharp pencil to construct regular hexagon of sides 4cm

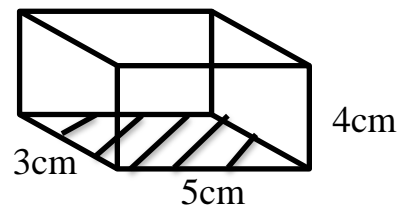
26.(a) How many minutes are in 5 hours?

(b) Subtract: HRS      Min

4	30
- 1	45

27.(a) A rectangular garden measures 10metres by 8metres. Find its perimeter.

(b) Use the figure below to answer questions that follow.



i) Calculate the area of shaded part.

ii) Find the volume of the figure below.

28. Kalungi bought the following items in a super market.

2 bottles of soda at 100/= @

3 cones of ice cream at 500/= each

A school bag at sh.10,000

a) Find his total expenditure.

b) If Kalungi had 3 notes of 5,000/=. How much was his change?

29.(a) Collected like terms.

$$2k + y + k + 3y$$

(b) Given that  $a = 3$  and  $b = 4$

Evaluate;

i)  $a^2$

ii)  $4a - 3b$

30. The list below shows the age of five pupils.

Adrian 11 years.

Miracle 9 years

Pius 11 years

Blessing 10 years

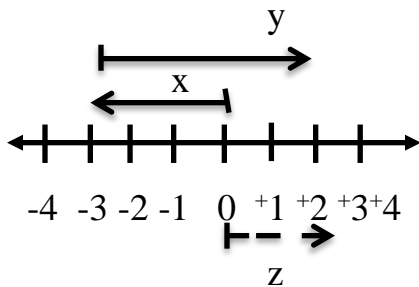
Nathan 8 years

a) Find the range in their total age.

b) Find their model age

c) Find the median

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

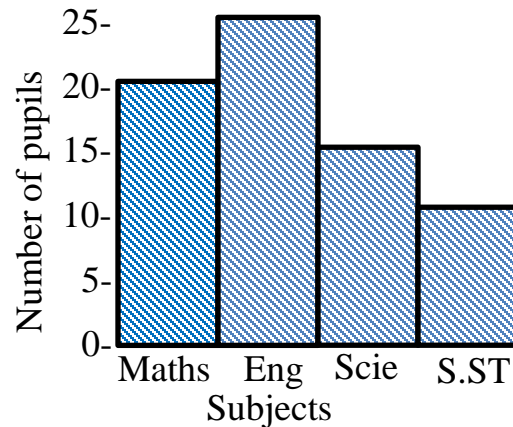


Identify integers represented by letters.

x \_\_\_\_\_ y \_\_\_\_\_ z \_\_\_\_\_

(b) Write a mathematical statement for the number line above.

32. The graph below shows the performance of primary five in the end of term one exams.



a) What was the;

i) Best done subjects

ii) Worst done subjects.

b) How many pupils excelled in mathematics?

c) How many pupils were in class?

**END**