CENTENARY EXAMINATIONS BOARD
MATHEMATICS
PRIMARY SEVEN ASSESSMENT SET V 2024

Time allowed 2 hours 30 minutes

CANDIDATE'S NAME: .....

SCHOOL.....**STREAM**.....

DISTRICT: .....

Read the following instructions carefully:

1. The paper has **two** Sections: **A** and **B.**
2. Answer **all** questions. **All** answers to both section **A** and **B** must be written in the Space provided.
3. **All** answers must be written using a blue Or black ball-point pen or ink.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be Read may lead to loss of marks.
6. Do not fill anything in the boxes shown: **"For Examiners' Use Only"** and those Inside the question paper.

FOR EXAMINERS' USE ONLY

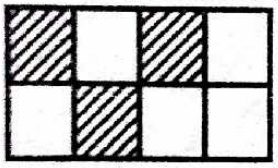
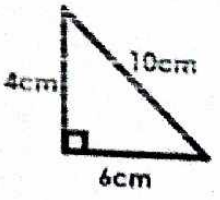
FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	Examiner's No.
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
Total		

SCAN AnyScanner

SECTION A

1.	Add 2 3 2 + 1 4 3	2.	**A** = { ball, pencil, bottle} Find **n(A)**
3.	Mukwano Factory packs **20 bars of soap** in each box. If makes **115 boxes** per day. How many bars of soap are made per day?	4.	List down all **prime numbers** less than **10.**
5.	John spent $\frac{1}{3}$ of his salary. If he spent **shs. 90,000.** How much was his salary?	6.	Using a ruler and a pair of compasses construct an angle of **45^0.**
7.	How many coins of **shs. 500** can be got from a **twenty thousand shilling** note?	8.	Musa went to sleep at **2240hrs.** At what time did he sleep in a **12 hour clock** system?

SCAN AnyScanner

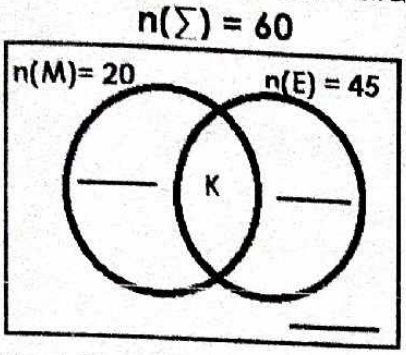
9.	If $x = 4$ find the value of $3x$.	10.	Find the **median** of **10, 5, 7, 5** and **0**.
11.	Write **Thirty six hundredth** in figures.	12.	The **area** of a square is **49m²**. Find its perimeter.
13.	What fraction is shaded? 	14.	Write down all factors of **12.**
15.	Find the next number in the sequence. **1, 3, 6, 10, 15, _____.**	16.	Change **5 hours** to **minutes.**
17.	Set **K = {2, 3, 5}** How many subsets are obtained in set **K.**	18.	Find the **area** of the figure. 

SCAN AnyScanner

19.	Workout **P + 8 = 17.**	20	Find the **L.C.M** of **4** and **10.**
	SECTION B. (60 MARKS)		
21.	Rose is **13 years old**. Her brother Micheal is **4 years older** than her. (a) How old is Micheal? **(1mk)** (b) What is their total age? **(2mks)** (c) How old will Rose be after six years? **(2mks)**	22.	Given that: **a = 2 b = 3 c = 5** (a) Find the value of: (i) **a+b+c** **(1mk)** (ii) **bc – a** **(2mks)** (b) Solve the equation **3y = 24** **(2mks)**

23. In a class of **60** pupils, **20 pupils** like **Mathematics (M)** **45pupils** like **English (E)** **K pupils** like **both subjects** while **5 pupils** do not like any of the **two subjects.**

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



(b) Find the value of **K.** **(2mks)**

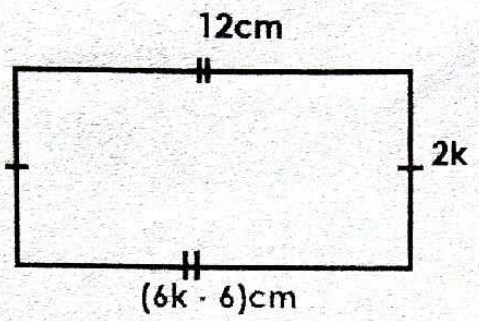
(c) How many pupils like only **one subject**? **(1mk)**

24 **Max, Tina** and **Nelson** shared a certain amount of money in the ratio of **2:3:5** respectively.

(a)If Tina got **shs. 60,000,** how much money did they share altogether? **(3mks)**

(b) How much did Nelson get? **(2mks)**

25. ***Study it carefully and answer the questions.***



(a)Find the value of **K. (3mks)**

(b)Calculate its area. **(3mks)**

26. (a)Change **123_{five} to base ten.** **(2mks)**

(b)Solve for **$P\ 104_p = 29$ ten.** **(3mks)**

27. (a) Using a ruler and a pair of compasses construct **triangle ABC** in which **AB = 6cm AC = 7cm** and angle **ABC = 90°**. ***(4mks)***

(**b**) Measure length **BC.** **(1mrk)**

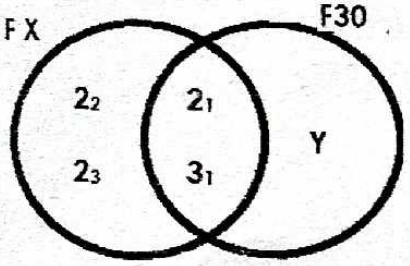
28. The table below shows marks scored by pupils in **MTC test.**

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

(a)How many pupils sat for the test? **(2mks)**

(b) Calculate the **mean** score. **(3mks)**

29. The Venn diagram below represents the **Prime factors** of two numbers use it to answer the questions that follow.



(a)Find the value of **X. (2mks)**

(b)Calculate the value of **y. (2mks)**

(c) Workout the **L.C.M** of **X** and **30.** **(2mks)**

30. **(a)**Work out $\frac{0.4 \times 0.8}{0.32}$ **(3mks)**

(b) $\frac{2}{3}$ of my salary is **shs. 24,000.** Find my salary.**(2mks)**

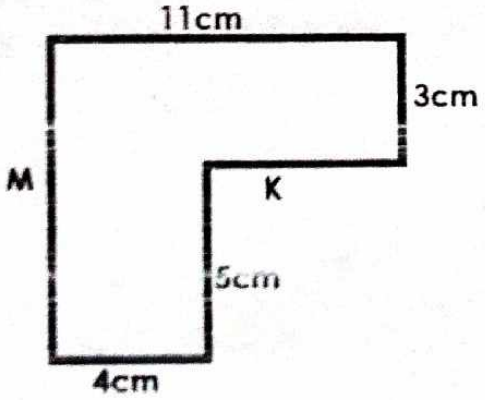
31. At Henry's birth day party **100** guests were invited $\frac{3}{5}$ of the invited guests were **females** and the rest were **males.**

(a) Find the number of **female guests** invited. **(2mks)**

(b) How many more females than males were invited? **(2mks)**

(c) What fraction of the guests was for **males**? **(1mrk)**

32. ***Study the figure below and answer the questions that follow.***



(a) Find the value of:

(i) **K** **(2mks)**

(ii) **M** **(2mks)**

(b) Calculate the **area** of the figure. **(2mks)**

End