KOLFRAM EDUCATIONAL SERVICES KAMPALA

POWERED BY TRUST HIGH SCHOOL- KABUUBU

QUALITY CHECK SET III EXAMINATION 2025
PRIMARY SEVEN

MATHEMATICS

Time allowed: **2** hours **30** minutes

Index Number**:**

	Emis Number					Personal Number		

Candidate's Name: ………………………………………………………………………………….

Candidate's Signature: …………………………………………………………………………….

School Name: …………………………………………………………………………………………

District Name: ………………………………………………………………………………………….

DO NOT OPEN THIS BOOKLET UNLESS YOU ARE TOLD TO DO SO

Read the following instructions carefully

1. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **8** printed pages.

2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.

3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.

4. No calculators or **electronic** pens are allowed in the examination room.

5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.

6. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

Turn Over

SECTION A: 40 MARKS
(Question 1 to 20 carries 2 marks each)

1.	Add: 254 + 24	2.	Find the next number in the sequence: 1, 8, 27, 64,_____
3.	Work out: $\frac{3}{5} - \frac{1}{2}$	4.	Solve: 2 (y-3) =4
5.	Given that set W= {P,O,T,S}, find the number of subsets that can be formed from set **W**.	6.	Shade $\frac{2}{5}$ in the figure below.

7. Use a well sharpened pencil, a ruler and a pair of compasses only to construct an angle of **120⁰** in the space provided below.

8.	Simplify: -6 - -8	9.	Express 20m/s as km/hr

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2

10.	Express 48 as a product of its prime factors.	11.	Round off 5999 to the nearest tens.
12.	Find the GCF of 28 and 49.	13.	Find the difference between 847269 and 582642.
14.	Change 1.8kg to grammes	15.	Increase Shs. 5600 by 20%.
16.	What is the complement of 40^0?	17.	Express 3617 in standard notation.

18.	Using the distributive property, workout: $(28 \div 7) + (49 \div 7)$.

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3

19.	A trader bought a dress at Sh. 50,000 and later sold it making a loss of 20%, how much was the selling price of the dress.

20.	Workout the perimeter of the figure.

Section B
(Questions 21 to 32 carries 60 marks)

21.	Given the digits 4, 6 and 8		
(a)	Form all the three digit numerals above 500 using the digits above. (4mks)	(b)	Write down the place value of 6 in the largest numeral. (2mks)

22.	Study the number line below and use it to answer the questions that follow.

Write down all integers represented by the arrow:
(i) a   (ii) b   (iii) c
write the mathematical statement represented on the number line. (2mks)

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4

23.	The sum of 4 consecutive counting numbers is 50, find the smallest number if the first number is y+2.
	(5 marks)

24.	Simplify: $\dfrac{P^4 \times P^5}{P^3}$ (**2**mks)	(b)	Solve: $y^p \div y^3 = y^7$ (3mks)

25.	Simplify: $\dfrac{0.48 \times 1.2}{0.06}$ (3mks)		Work out: 13-9+3 (2mks)

26.	In a group of 50 farmers, 28 farmers grow wheat (W) , 34 farmers grow maize (M), y farmers grow both wheat and maize while 6 farmers grow neither wheat nor maize.
	Complete the Venn diagram below. (3mks)

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5
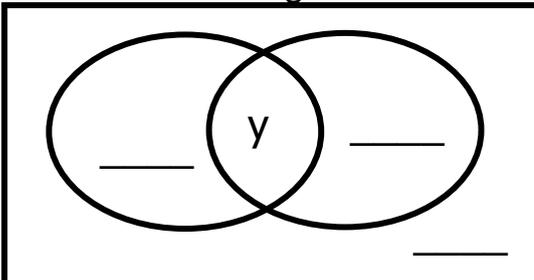
(b)	Find the value of y.

27.	Using a pair of compasses, a ruler and a pencil, construct a regular hexagon of radius 4cm. (3 mks)

(b)	Workout its perimeter. (2mks)

28.	Below is a list of marks scored by 10 pupils in a test. 70, 80, 60,50 90, 60, 50, 70, 60, 80

(a)	Workout the medium score (2mks)	(b)	Calculate the mean mark. (3mks)

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6

29.	Given that b=3, a=c and c=5, find the value of b+2ac (3 marks)	(b)	Simplify 2p + 4h +6p- 8h (3 marks)

30. Martha, Jane and Diana shared a certain amount of money in the ration of 2:5:3 respectively. If Diana got Sh. 30,000, how much did they share altogether?

(b) How much more did Jane get than Martha?

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7

31.	Study the Venn diagram below carefully and then answer the questions that that follow.
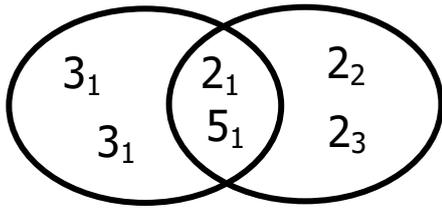
(a)	Find the value of :		
(i)	p	(ii)	Y

(b)	Find the LCM of p and y. (2mks)	(c)	Find the GCF of p and y. (1mk)

32. Study the figure below carefully and use it to answer questions that follow.
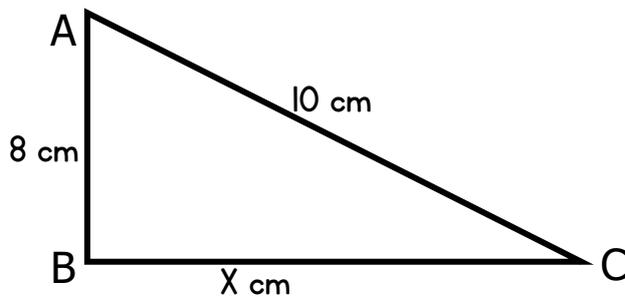
(a)	Find the length BC (3marks)	(b)	Calculate the area of the figure. (2mks)

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8