P.5 MATHEMATICS EXAMINATION
END OF TERM II 2023

Time allowed: 2 hours 30 minutes

Pupil's Name: .....

School Name: .....

District Name: .....

Read the following instructions carefully:

1. This paper is made up of two sections: A and B.
2. Section A has **20** questions **(40 Marks)**
3. Section B has **12** questions **(60 Marks)**
4. Answer **ALL** questions in both sections **A** and **B**.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINERS' USE ONLY		
PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

Team Head Mathematics Dept.

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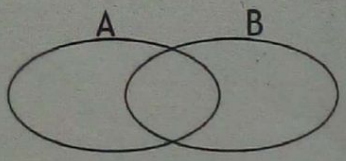
SECTION .A. (40 Marks)

1. Divide: $18 \div 2$

2. Write "four thousand fourteen" in figures.

3. In the venn-diagram below, shade A-B.



4. Subtract; $^{6}/_{9} - {}^{3}/_{9}$

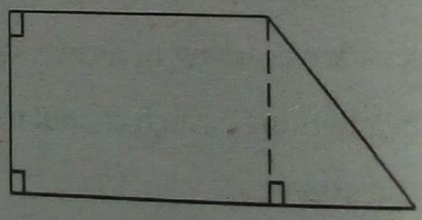
5. Complete the frequency table below.

No. of pupils	Tallies
9	_____
_____	||||

6. Find the Greatest Common Factor of 21 and 18.

7. The cost of a dozen of pens is sh. 6000. Find the cost of each pen.

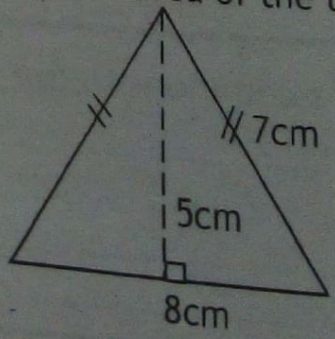
8. Name the shape below.



9. Add;

Weeks	Days
4	3
+ 3	3
_____	
_____	

10. Find the area of the triangle below.



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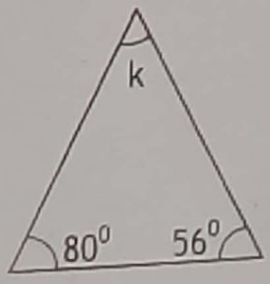
11.	Write $(6x10^3) + (8x10^2) + (9x10^1)$ in short form.	12.	Find the missing number in; $\square \div 3 = 27$
13.	Find the average of 4, 0, 6, 3, 4, 5, 4 and 6.	14.	Convert $^3/_5$ into a decimal.
15.	If set **Q** = { 2, 3, 5, 7, 11}. Describe set **Q**.	16.	Peter driving a car covered a distance of 96km in only 4 hours. Calculate his speed in km/hr.
17.	List all the multiples of 6 less than 37.	18.	Work out; 3yams + 1yam + 2yams.
19.	Calculate the size of the angle marked k.  	20.	Tell the afternoon time shown on the clock face below. 

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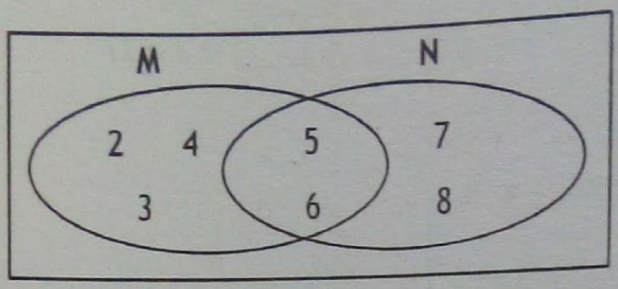
SECTION.B.(60 Marks)

21. The venn diagram below shows elements of set M and N. Use it to answer questions that follow.



(a) List elements of set M.

(b) Find n(N).

(c) How many elements are in set M and N altogether?

(6 Marks)

22. Given the numeral 954;

(a) Round off the above numeral to the nearest hundreds using a number line.

(b) Write the number formed by the last two digits in Roman numerals.

(4 Marks)

23 Below is a list of items and their cost in a certain shop.

Item	Cost
Sugar	sh. 5000 per kg
Salt	sh. 2000 per kg
Posho	sh. 3000 per kg
Rice	sh. 4500 per kg

(a) If Mark is given sh. 20,000 to buy 3kg of salt, a kg of Rice and 1½ kg of Posho, what Is his change?

(b) Find the cost of 2 kg of Sugar and a kg of Rice.

(5 Marks)

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24. (a) Find $\frac{3}{4}$ of 20 litres of water. (b) Convert 1600g into kg.

(4 Marks)

25. In a class of 80 pupils, $^{2}/_{5}$ are boys and the rest are girls.

(a) Find the fraction of girls in the class. (b) How many boys are in the class?

(c) How many more girls than boys are in the class?

(6 Marks)

26. (a) Using a ruler, a pencil and a pair of compasses only, construct rectangle MNPQ where line MN = 5cm and line NP = 3cm.

(b) Measure the length of diagonal MP _____

(5 Marks)

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27. (a) Find the least number of mangoes when shared by either 6 or 9 boys leaves no remainder.

(b) List all the factors of 28.

(4 Marks)

28. (a) Convert 8 days to hours.

(b) Express $3\frac{1}{3}$ hours into minutes.

(4 Marks)

29. Arrange these decimal fractions in descending order.
5.5, 5.05, 0.5, 0.05

(6 Marks)

30. The table below shows the number of different kinds of animals on Mr. Kakoza's farm.

Animals	Number
Sheep	32
Cows	14
Goats	
TOTAL	72

a) Find the number of goats on Mr. Kakoza's farm.

(b) How many more sheep than cows are on his farm?

(c) Share the number of sheep on Mr. Kakoza's farm by 4 boys. How many sheep does each one get?

(6 Marks)

31. (a) Convert 11_{ten} to base five.

(b) Add: $123_{five} + 32_{five}$

(4 Marks)

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32. The graph below shows number of chairs made by a carpenter on different days of the week.

MON	
TUE	
WED	
THUR	
FRI	

(a) How many chairs were made by the carpenter on the first 3 days of the week?

(b) On which day did he make the highest number of chairs?

(c) If each chair was sold at sh. 15000, how much did he get from all the chairs sold on Wednesday?

(d) Find the total number of chairs sold in the whole week.

END

(6 Marks)

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