MOTHER MAJERI PRIMARY SCHOOL

PRE INTERNAL MOCK EXAMINATIONS (SET 1), 2022

CLASS	:	**P.7**
SUBJECT	:	**MATHEMATICS**
DURATION	:	**2 HOURS 15 MINUTES**

Candidates Name ....Stream:.,:......................

Index Number:

School EMIS No:...

District Name ....

Read the following instructions carefully

1. This paper has **two** Sections: **A** and **B**.

2. Section **A** has 20 answer questions (40 marks)

3. Section **B** has 12 questions (60 marks)

4. Answer **ALL** questions. Answers to both sections must be written in the spaces provided.

5. All answers must be written using a blue or black ballpoint pen or ink Diagrams should be drawn in pencil.

6. Unnecessary alteration of work may lead to loss of marks.

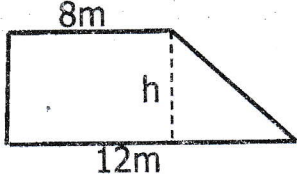7. Any handwriting that cannot be easily read may lead to loss of marks.

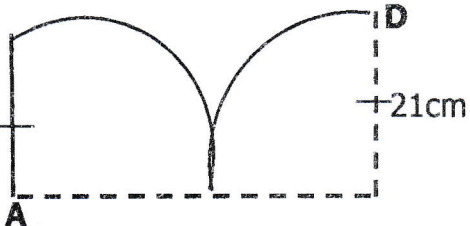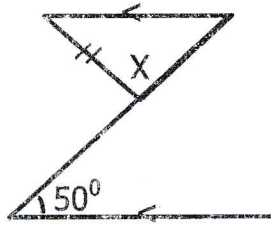8. Do not fill anything in the box indicated for examiner's use only.

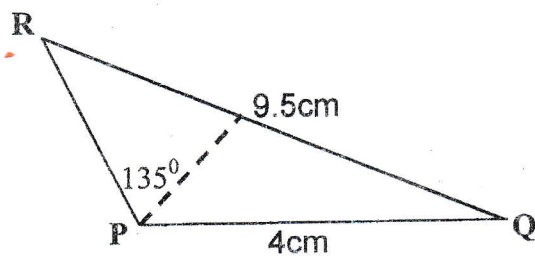| FOR EXAMINERS USE ONLY		
QN. NO.	MARK	
1 - 10		
11 - 20		
21 - 22		
23 – 24	.	
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

SECTION A

1.	Workout 7 x 3	6	At a speed of 40km/h0,r Cathy covers 160km. in how many less hours shall Katikati cover the same distance at 80km/hr
2	Write the value of 2 in 1324_{five}	7	Find the hieght of the figure below, given that it's area is $70m^2$
3	Find the inverse of -5	8	Simplify $6(3P - 6) + (6P - 4)$
4	Calculate the average of the next numbers in the sequence below. 4, 6, 8, 9, 10, ____, _____	9	The cost of 6 dresses is sh. 720,000. How many dresses will one buy with sh. 360,000/?
5	What is the complement of $(x - 10^0)$?	10	Set P has 63 proper subsets. Find how many elements has set P

11	Write 123_{five} in binary system.	16	Write a quarter to mid night in 24 hour clock system.
12	Four men weigh 210kg. When one man leaves the average weight of the remaining men is 55kg. Find the weight of the man who left the group.	17	How many 2/3 can be got from 12 wholes?
13	Write 6.01 in standard form.	18	Round off 34.76 to the nearest ones.
14	Find the total distance from A to D in the figure below. 	19	Find the value of x.
15	Subtract $2(x - y)$ from $3x - 4y$	20	Today is Tuesday. What day of the week was it 45 days ago?

Section B

21 Use the sketch given below to construct an accurate diagram.

b. Measure Px = _____

c. Calculate the area of triangle PQR.

22
a. Find the L.C.M of 24 and 18.

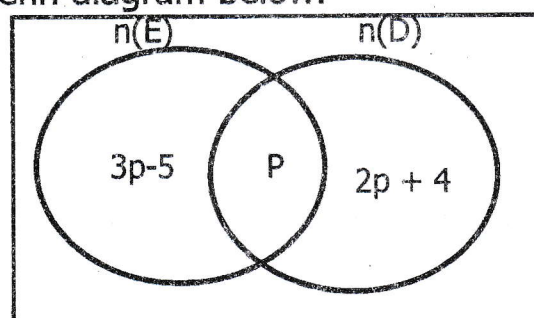b) Workout the GCF of 18 and 27.

c. Find the least number of apples that can be given to 6 girls, 7 girls or 8 girls leaving 3 as a remainder.

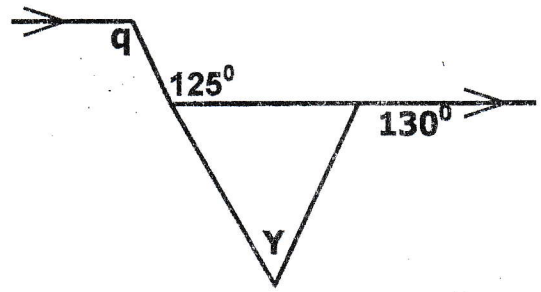| 23	If today is Friday 8th July, 2022, What day of the week will it be on 12th November 2022?
24	Kasirye went to shopping and bought the following items; 2 ½ kg of Sugar at 3500 per kg. 20 tomatoes at sh. 600 for every four tomatoes. 18 books at sh. 8400 per dozen If he had sh.50,000 and was given a discount of 5%. Find his change.
25	Give the venn diagram below.
a.	If $n (EnD)^1 = 19$. Find the value of P.

ii)	n(D)	iii) n(ἐ)

26 **Given the table below.**

Marks	30	25	45	50	70
Number of pupils	3	1	1	2	3

a. How many pupils are shown on the table above?

b. Work out the range.

c. How many pupils were below the medium?

27
a. The length of the rectangle is twice its width. If its area is 72cm^2.
Find the its length and width

b. Workout the perimeter of the rectangle.

28	Study the figure below carefully and use it to answer questions that follow.
a) i)	Find the size of angle.
	Y ii) q
b.	The exterior angle of a regular polygon is 30^0. Find the number of right angles in the polygon.
29 a.	Given 629.32 Write the number in words.
b.	Expand the number using values.
c.	Express the number of in scientific form.
30 a.	A pair of trousers and a belt cost sh. 60,000/=. A pair of trousers costs five times as much as the belt. What is the cost of the pair of trousers?

b.	How much should one pay if buys 2 trousers and a belt?

31	The table below shows the arrival and departure time for the bus that travels from Kampala to Hoima daily.

Town	Arrival time	Departure
Kampala		7:30a.m
Busunju	8:10a.m	8:30a.m
Bukomero	9:30a.m	9:45a.m
Kiboga	10:15am	10:40a.m
Hoima	11:40am	

a) At what time does the bus leave Kampala?

b.	How long does the bus take to travel from Bukomero to Kiboga?

c.	If the bus travels at 64km/hr from Busunju to Kiboga. Caluclate the distance between the two towns.

32	The tank is 3/5 full of water, when 2/3 of the water is drawn 800 litres remained. Find the capacity of the bank when 1/5 full of water.

End