

THE PROLINE END OF TERM II EXAMINATION 2022

SUBJECT : MATHEMATICS
CLASS : PRIMARY SIX
DURATION : 2 hours 30 minutes

ABRIDGED CURRICULUM TERM II TOPICS

1. FRACTIONS
2. DATA HANDLING
3. MONEY
4. TIME

Name : _____

School : _____

District : _____

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**)
3. Section **B** has **12** questions (**60 Marks**)
4. Attempt all questions in both sections. All answers to both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written in **blue** or **black** ball point pens or **ink**. Only diagrams and graph work must be done in pencil.
6. Unnecessary **alteration** of work will 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 boxes indicated.

"FOR EXAMINER'S USE ONLY"

For examiner's use only

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please Turn over

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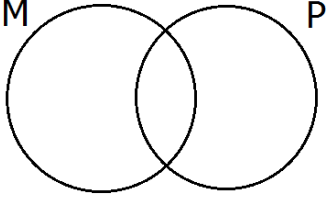
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SECTION A : (40 MARKS)

Attempt *all* questions in this section
Question **1** to **20** carry *two* marks each

1	Work out: $24 + 13$	2	Find the Median of 3, 5, 7 and 2
3	Shade set ($M - P$) 	4	Change $\frac{1}{2}$ into a decimal fraction.
5	Write: forty-five thousand, two hundred sixty-two in figures	6	Increase 10 kg in a ratio of 3:2
7	Find the highest common factor of 8 and 12.	8	Using a protractor, a pencil and a ruler only, draw an angle of 90°
9	Calculate the interest yielded on a loan of sh 240,000 at a rate of 4% per annum for 3 years.	10	Express 10m/s as km/h

11	Find the next number in the sequence. 1, 4, 9, 16, 25, _____	12	Find the square root of sixty-four
13	A mathematics lesson started at 2:35 pm and ended at 3:45pm. Calculate for how long it lasted?	14	The school bursar withdrew two thousand shilling notes consecutively labeled from AP4968211 to AP4968220 . Find the number of bank notes he withdrew.
15	Which number has been expanded (4 x 100) + (7 x 10) + (3 x 1)	16	In a class of 53 pupils, 21 are boys. What is the probability of choosing a girl at random?
17	James was born in 12 BC and he died in 12 AD. At what age did he die?	18	Work out: $1 - 4 = \underline{\quad}$ (finite 7)
19	Calculate the area of a triangle whose base measures 12m and height 7m	20	Solve: $2b + 3 = 11$

SECTION B : (60 MARKS)

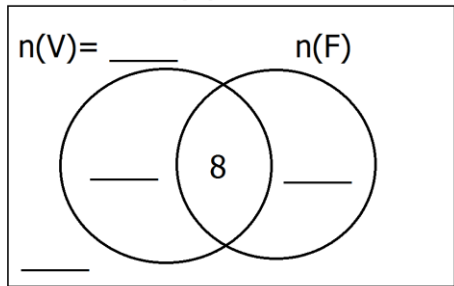
Attempt *all* questions in this section

Marks for **each part** of the question are indicated in the brackets

21 In a class of 36 pupils, 12 play Volley ball (**V**) only, 11 play Football (**F**) only, 5 play neither of the two games and 8 play both games.

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

$n(\Sigma) = 36$



(2 marks)

(b) Find the value of y .

(3 marks)

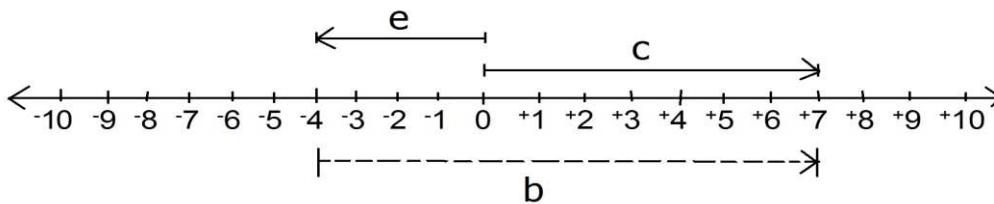
22 (a) Work out: $14 + 2$ of 3

(2 marks)

(b) Find the product of 23,560 and 34

(3 marks)

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



(i) Write the integers represented by letter:

$e =$ _____ $b =$ _____ $c =$ _____ (1 mark each)

(ii) Write the mathematical statement represented on the number line above

(2 marks)

24 The table below shows rate at which different currencies were sold and bought in a commercial bank during the month of JULY, 2022.

Currency	Buying in Uganda sh	Selling in Ug sh.
1 US dollar \$	3,700	3,800
1 Euro (€)	4,200	4,250
1 Rwandese franc	5.0	6.0

(a) How many Euros did Ben get for Ug.127,500? (2 marks)

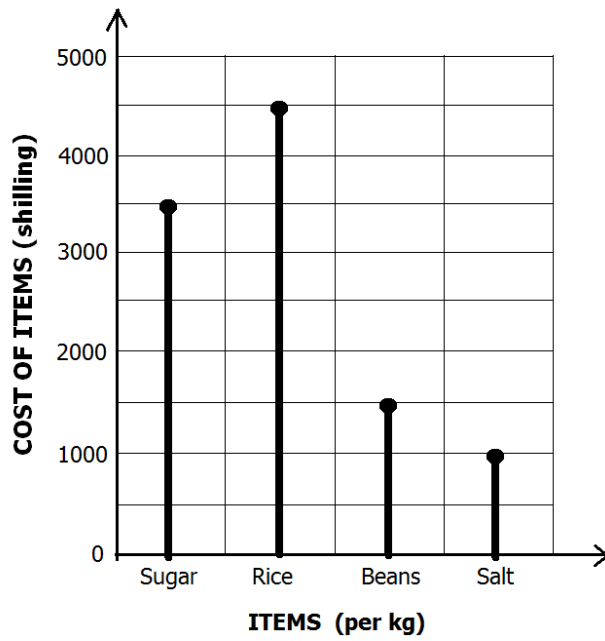
(b) Amina came from Rwanda with 380,000 Rwandese francs and exchanged them for US dollars. How many US dollars did she get from the bank? (3 marks)

25 The L.C.M of two numbers is 36, their G.C.F is 6. Find the first number if the second number is 12. (2 marks)

(b) The class teacher served a certain number of sweets to 7 girls and 2 sweets remained. He then served the same number of sweets to 4 boys and 2 sweets remained. Find the possible smallest number of sweets the class teacher was serving. (3 marks)

26

The line graph below shows the cost of some items at ABRAH super market.



(a) What is the second cheapest item on the line graph aside? (2 marks)

(b) If tom bought 2 kg of salt and a kg of sugar, find how much he was charged. (3 marks)

27

In a school of 600 pupils, 30% are day scholars and the rest are boarders.

(a) Calculate the percentage of boarders. (2 marks)

(b) How many more boarders are there than the day scholars? (3 marks)

28 Using a sharp pencil, a pair of compasses and a ruler only, construct a regular hexagon in a circle using a radius of 5 cm.

(5 marks)

29 (a) Find the missing numbers.

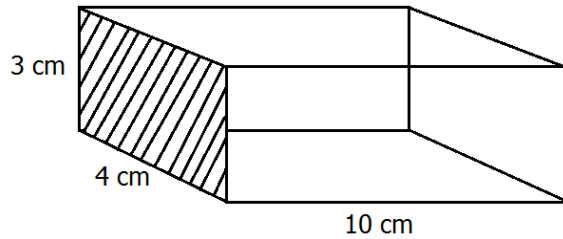
(i) $\square + 2 = 17$ (2 marks)

(ii) $5 \times \square = 30$ (2 marks)

(c) Solve: $3m = 18$

(2 marks)

30 Study the cuboid below and use it to answer the questions that follow.



(b). Calculate the volume. (2 marks)

(a) Find the area of the shaded part. (2 marks)

31 (a) A car travelled for 2 hours at an average speed of 60 km per hour. Calculate the distance it covered. (3 marks)

(b) Subtract: **3 hours 45 minutes** from **7 hours 25 minutes**. (3 marks)

32 Work out: $\frac{1.6 + 3.8}{0.09}$ (4 marks)

END

ALL LEARNING AREAS ARE AVAILABLE

END OF TERM II 2022

FROM BABY TO TOP

AND ALSO PRIMARY FROM

P.1 TO P.6

P.7 MOCK EXAMS

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