KOLFRAM EDUCATIONAL SERVICES KAMPALA

MID-TERM I EXAMINATION 2023

PRIMARY FIVE

MATHEMATICS

Time allowed: 2 hours 30 minutes

Name: _____

Stream: _____

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

Read and follow these instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point 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 boxes indicated for Examiner's use only.

FOR EXAMINER'S USE ONLY

FOR EXAMINER'S USE ONLY		
Qn. No	**MARK**	**SIGN**
1 – 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

COMMENT TO THE CANDIDATE

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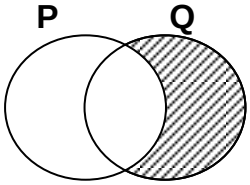
Turn over

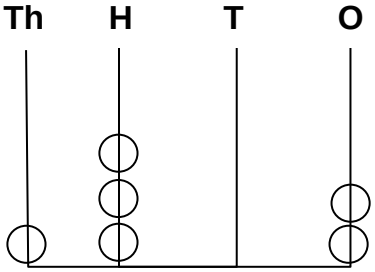
SECTION A: 40 MARKS

1. Subtract:
   2 5
   - 1 3
   _____

2. Describe the shaded part.

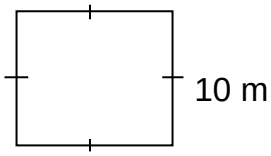


3. What number has been shown on the abacus?



_____

4. Find the perimeter of the figure below.



5. What is the next number in the sequence?
   1, 3, 6, 10, ____

6. What is the place value of 4 in the number 4 3 9 2?

7. Work out: 5 – 7 + 9

8. What is $\frac{2}{3}$ of 30?

9. A loaf of bread costs sh. 1500. Find the cost of 5 loaves of bread.

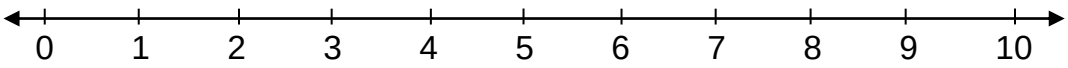
10. Round off 671 to the nearest tens.

11. If ◯ represents 1000 people, how many people will ◯ ◯ ⌓ represent?

12. A girl had a bread. She gave away $\frac{3}{4}$ of it. What fraction remained?

13. Draw a line $\overline{AB}$ = 6.5 cm

14. Multiply 2 x 4 using a number line.

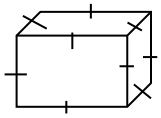


15. Find the GCF of 8 and 12.

16. Change 2000g to Kg.

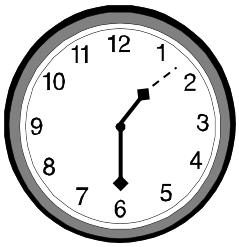
17. Solve: 5x = 30

18. Name the shape below.



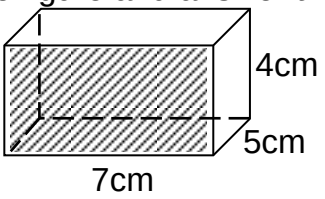
19. A 200 – coin is tossed once. What is the probability that a fish shows on top?

20. Write the time shown on the clock face below.



SECTION B: (60 Marks)

21. Study the figure and answer the questions that follow.



(a) Find the number of; (*1 mark each*)

(i) vertices

(ii) edges

(iii) faces

(b) Calculate the volume of the cuboid. (*2 marks*)

(c) Find the area of the shaded face. (*2 marks*)

22. **Study the price list below and use it to answer questions that follow.**
1kg of meat at Sh. 8000.
1 bar of soap at sh. 2000
1 kg of sugar at sh. 2500
1 ruler at sh. 1500.

(a) What is the cheapest item? (*1 mark*)

(b) What is the cost of 3kg of sugar? (*2 marks*)

(c) What is the total cost of 2 bars of soap, 1 kg of meat and 3kg of sugar? (*2 marks*)

23. Given digits 8, 2, 4 and 5.

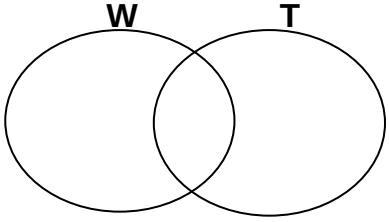
(a) Form the smallest four digit numeral. (*1 mark*)

(b) Form the biggest four digit numeral. (*1 mark*)

(c) Find the sum of smallest and biggest numerals formed. (*2 marks*)

24. Given that set **W** = {1, 2, 3, 4} and set **T** = {3, 4, 5}

(a) Represent the information on the venn diagram. (*2 marks*)



(b) Find (i) W∩T (*1 mark each*)

(ii) W∪T

(iii) W – T

25. Complete the magic square.

8	3	4
d	5	a
b	c	2

(a) Find the magic sum. (*1 mark*)

(b) Find (i) a (*1 mark each*)

(ii) b

(iii) c

(iv) d

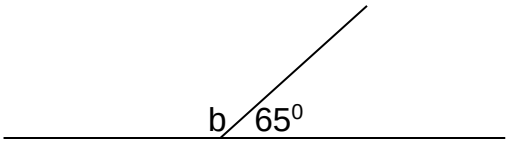
26. (a) Write $\frac{15}{8}$ as a mixed number. (*1 mark*)

(b) What must be added to $\frac{2}{7}$ to get $\frac{6}{7}$? (*1 mark*)

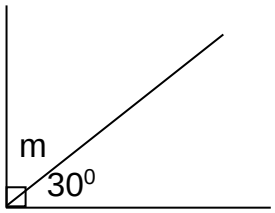
(c) John filled $\frac{1}{2}$ of a tank with water in the morning and $\frac{2}{5}$ in the afternoon. What fraction of the tank was filled with water? (*2 marks*)

27. (a) Find the size of the marked angles. (*2 marks each*)

(i)



(ii)



(b) Draw the following shapes. (1 *mark each*)

(i) cylinder

(ii) Equilateral triangle

28. Use **<**, **>** or **=** to complete the statements below. (*1 mark each*)

(a) 0 x 6 _____ 6 + 0

(b) 12 items _____ 1 dozen.

(c) L X _____ XL

(d) 3kg _____ 3000g

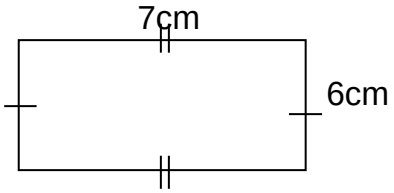
(e) ¼ _____ ½

29. (a) How many months of the year start with letter 'J'? (*1 mark*)

(b) A boy walked for 1 ½ hours. How much time was this in minutes? (*2 marks*)

(c) A driver covers 270 km in 3 hours. What distance will he cover in one hour? (*1 mark*)

30. The figure below is a rectangle.



(a) Find its perimeter. (*2 marks*)

(b) Find its area. (*2 marks*)

31. (a) Solve the following equations.

(i) $x + 8 = 17$ (*2 marks*)

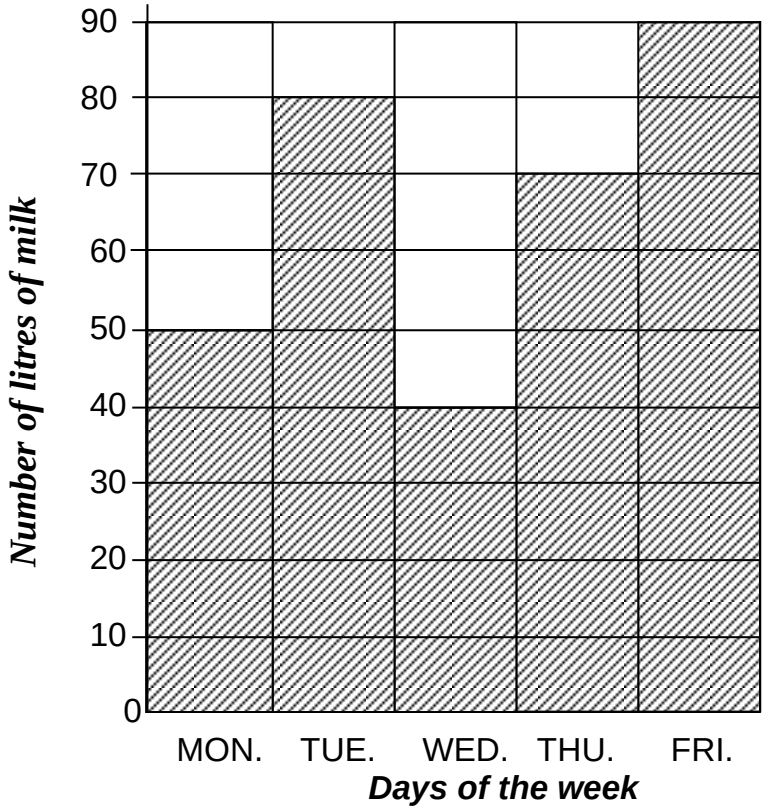
(ii) $p - 9 = 20$ (*2 marks*)

(b) Given that $x = 2$, $y = 3$ and $p = 5$
Find the value of; (*1 mark each*)

(i) xyp

(ii) xy – p

32. **The graph below shows number of books recorded in P.5 at Kazo P/s. Use it to answer questions that follow.**



(a) On which day was the highest number of books recorded? (*1 mark*)

(b) What was the lowest number of books recorded? (*1 mark*)

(c) Find the total number of books recorded that week. (*2 marks*)

(d) What is the difference between the highest and the lowest number of books recorded? (*2 marks*)