



# THE CRANES EXAMINATIONS

*" Ever Forward"*

P.7 STANDARD EXAMINATIONS 2025

(SET 2)

## MATHEMATICS

*Time allowed: 2 Hours 30 Minutes*

Random No.						Personal No.		

**CANDIDATE'S NAME:**.....

**CANDIDATE'S SIGNATURE:**.....

**DISTRICT NAME:**.....

**Read the following instructions carefully:**

- 1.This paper has **two** sections: **A** and **B**.
- 2.Section **A** has **40** 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 a pencil.
6. **Unnecessary** changes in your 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 table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	MARKS	EXR'S No.
1 – 10		
11 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
32 – 32		
<b>TOTAL</b>		

**TURN OVER**

**LOCATION: KANSANGA-KL'A +256-762136454**

## SECTION: A

Answer **all** questions **in** this section.

Questions **1** to **20** carry **two** marks each.

1. Subtract 25 from 100.

2. Work out:  $-3 + +8$



3. Set  $X = \{2, 4, 6\}$ . Calculate the number of subsets set  $X$  has.

4. The cost of four pens is shs. 800. How much will five similar pens cost ?

5. Write 164 in Roman Numerals.

6. Simplify:  $\frac{2}{5} \times \frac{8}{9}$

7. Kakya had 30 litres of jik, he gave each child half litre. How many children did he give ?



8. Find the range of the next two numbers in the sequence.  
1, 3, 5, 7, \_\_\_\_\_, \_\_\_\_\_

9. In a refrigerator, four rotten apples are mixed with three fresh apples.  
If an apple is picked at random from the refrigerator, what is the probability of picking a rotten apple ?

10. Write 30003 in words.

11. Find the square root of  $6\frac{1}{9}$

12. Work out:  $4 \times 5 = \dots\dots\dots (\text{mod } 7)$

13. Decrease shs. 50,000 by 20%



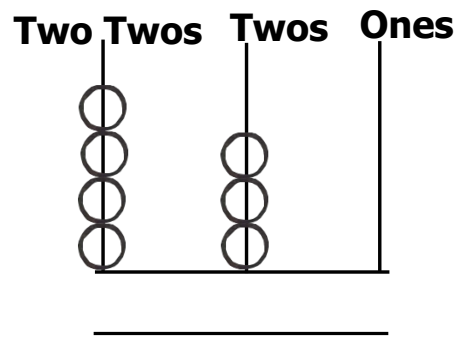
14. Solve for **y**:  $3\mathbf{y} - 4 > 14$

15. Arrange 0,  $-3$ ,  $+1$ ,  $-5$  and  $+4$  in ascending order.

16. Simplify:  $5a - 2b - 7a + 4b$ .

17. Change 2.5 meters to centimeters.

18. Write the number on the abacus below in words.



19. Expand 567 using values.

20. Add: Hours    Minutes

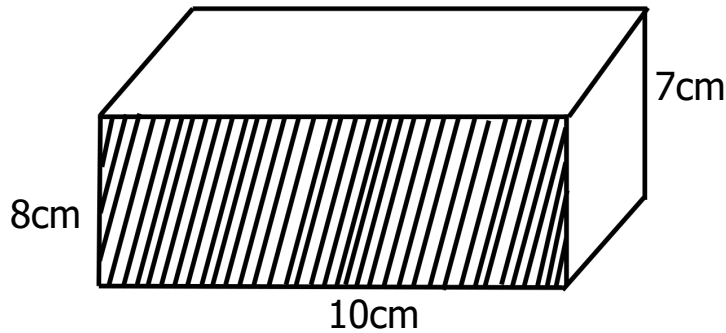
7	40
+ 3	35
<hr/>	
<hr/>	

## SECTION B: 60 MARKS

Answer **all** questions in **this** section.

Marks for **each** question are **indicated** in brackets.

21. Study the diagram below and use it to answer the questions that follow.

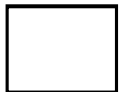


(a) Calculate the area of the shaded part.

*(2 marks)*

(b) Find the total surface area of the figure below.

*(3 marks)*



22. Masudi went to the supermarket and bought the following items.

$1\frac{1}{2}$  kg of rice at shs. 5000 per kg.

250gm of salt at shs. 2000 per kg.

3kg of cassava flour at shs. 1500 per kg.

5 bars of soap at shs. 15000.

(a) How much money did Masudi spend altogether ?

(4 marks)

(b). If Masudi had shs.40000, find his change.

(1 mark)

23. The exchange rate of a Forex Bureau is as follows;

1US dollar =Ug sh 3600

1Ksh =shs 30

(a) A foreigner left USA with 800 US Dollars to Queen Elizabeth National park in Uganda. How much money did the foreigner get in Uganda shillings ?

(2 marks)

(b). Balidawa had Ug sh. 900000 and went to the Forex Bureau to change to Kenya shillings. How many Kenya shillings did he go with ?

(3 marks)

24. Use the digits 6 ,9 ,3 and 8. Form the largest three digit number that can be formed from the digits.

*(2 marks)*

(b) Find the sum of the smallest and largest digit number. *(1mark)*

(c) Expand the largest number formed.

*(2marks)*

25.(a) Simplify:
$$\frac{0.36 \times 6.4}{0.24 \times 1.2}$$

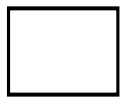
*(3 marks)*

(b) Using distributive property, work out:  $(4 \times 20) + (4 \times 80)$  *(2 marks)*



26. Using a ruler and a pair of compasses **ONLY**, construct a triangle **ABC** where **AB = 7cm**, angle **A = 60°** and **CA = 8cm**.

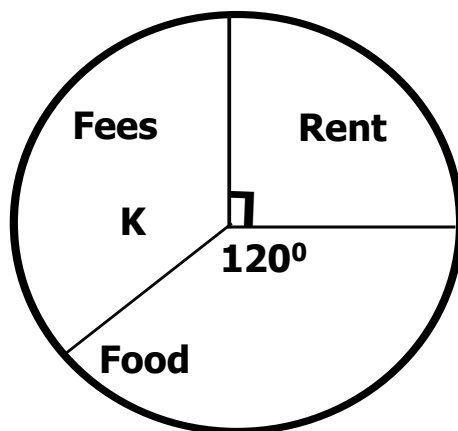
(4 marks)



(b) Measure angle **ABC**.

(1 mark)

27. The pie chart below shows how Dumba spends his salary of sh.40000. Use it to answer the questions about it.



(a). Find the value of **K**.

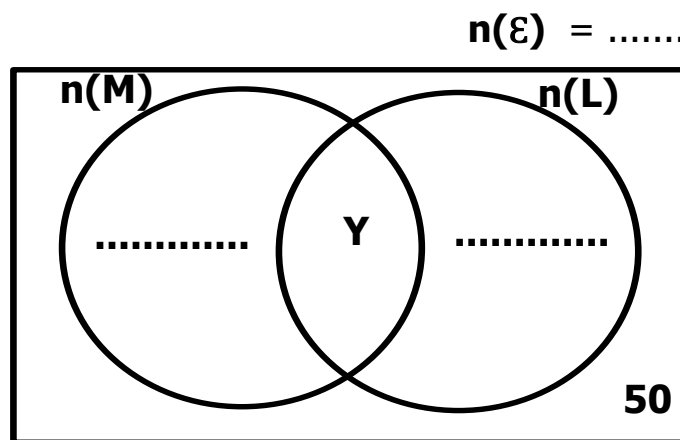
(2 marks)

(b) How much money does he spend on fees than food ?

(3 marks)

28. In a cinema hall, **20** people support Man U (**M**) only, **30** people support Liver Pool(**L**) and **Y** support both while **50** support other clubs.

(a) Use the information given above to complete the Venn diagram.



(2 marks)



(b) If 37 people support Man U, calculate the value of **Y**.

(2 marks)

(c) Find the number of people who like only two clubs.

(1 mark)

29.(a) The Board of Governor meeting started at **10:50p.m** and ended at **11:45a.m.** How long did the meeting take ?

*(2 marks)*

(b) A taxi left Mbale for Kampala at a steady speed of **70km/hr.** If it arrived at Kampala at **4:50pm** and the distance between Kampala and Mbale is **210km.** At what time did the journey start ?

*(3 marks)*



30. Rebecca, Kisakye and Kefah shared 132 mangoes in the ratio of 2:3:7 respectively.

(a) How many mangoes did each get ?

*(3 marks)*

- (b) If Kefah gives 20 mangoes to his friend, how many mangoes will he remain with ?

*(2 marks)*

31. A rectangular garden whose length is 10m and its area is  $60\text{m}^2$ .

- (a) Find its width.

*(3 marks)*

- (b) Calculate the total distance around the garden.

*(2 marks)*



32. The sum of three consecutive counting numbers is **48**.

(a) Find the numbers.

*(3 marks)*

(b) Work out the difference between the biggest and the smallest numbers.

*(2 marks)*



**ABOUT THE CRANES EXAMINATIONS BOARD:**

- We are located in Kansanga-Kampala on **GABA ROAD** just near **GALAXY F.M**
- We have **HIRED UNEB EXAMINERS** from the best performing schools. That is:-
  - 1.Muwonge Ahmed(EXAMINER-MTC)** GET US ON:EMAIL:[thecranesexamination@gmail.com](mailto:thecranesexamination@gmail.com)  
**OR CALL ON: 0762136454**
  - 2.Mpoza Emmie(EXAMINER-SST)**
  - 3.Mukisa David(EXAMINER-SCIENCE)**
  - 4.Ochudanga Amos(ENGLISH-EXAMINER)**

