



THE REPUBLIC OF UGANDA

TAAND EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM II, 2025

PRIMARY SEVEN PRE-MOCK MATHEMATICS

Time Allowed: 2 hours 30 minutes

Random Number						Personal Number		

Candidate's Name:

Candidate's Signature.....

School Name:.....

District:.....

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

Read the following instructions carefully:

1. This paper is made up of **two** Sections: **A** and **B**.
2. Section **A**, has **20** short-answer questions (**40 marks**) and Section **B** has **12** questions (**60 marks**)
3. All the working for both sections **A** and **B** must be shown in the spaces provided.
4. All working must be done using a blue or black ball - point pen or fountain pen. Only diagrams should be done in pencil.
5. No calculators are allowed in the examination room.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated "For examiners' use only"

FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	Exrs' No.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		



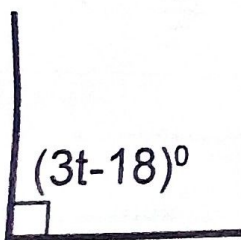
the value of $293 + 106$.

2. Solve $x - 10 = 10$.

3. Find the number expanded in base five.
 $(4 \times 5^2) + (2 \times 5^1) + (3 \times 5^0)$

4. If $T = \{20, 30, 40, 50, 60\}$
 $J = \{10, 15, 20, 25, 30\}$
Find $T \cap J$.

5. Study the shape below and find the average of t .



6. Tinah multiplied a number by 2. She divided the result by 9 and her final answer was 14. Find her original number.

7. Add $3\frac{1}{4} + 2\frac{1}{2}$.

8. Find the next numbers:
4, 6, 8, 9, 10, ____, ____.

9. Convert $4\frac{1}{2} \text{ m}^2$ to cm^2 .

10. What is the value of 7 in 36.279.

11. Show the line of folding symmetry.

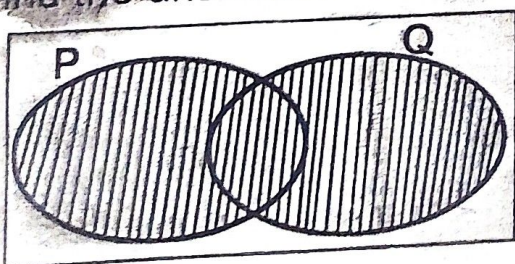


12. In a class there are 68 pupils. 40 of them are girls. Find the ratio of boys to girls.

13. Each  represents 6 apples. Draw pictures to represent 33 apples.

14. Simplify: $\frac{3}{5} - \frac{7}{8} - \frac{1}{2}$

15. Study the venn diagram below and find the unshaded set.



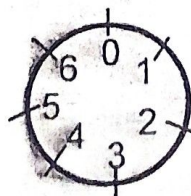
16. The exchange rate for a dollar to Uganda shilling is USD 3750. How much money in Uganda shilling would Asuman get from USD 320?

17. The average of 5, 3, 2k, 12 and 2 is 6. Find the value of k.

18. Using a pair of compasses, a ruler and a sharp pencil, construct 135° .

19. Express 2649 into standard form.

20. Use the dial below to work out $5 + 5$.



SECTION B: (60 Marks)

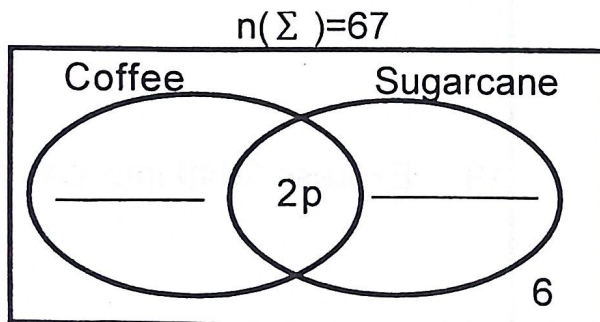
Marks for each question are indicated in the brackets.

21.(a) Work out the common factors of 12 and 18. (2marks)

(b) Find the least number that is exactly divisible by 12 or 18 such that the remainder is 4. (3marks)

22. In a village of 67 farmers, 18 grow sugarcane only, 21 grow coffee only, $2p$ grow both crops and 6 grow other crops but not coffee and sugarcane.

(a) Use the information above to complete the venn diagram below. (2marks)



(b) Find the value of P . (2marks)

(c) Find the chance that the chairperson of the village grows only one type of the crop. (1mark)

23.(a) Add $152_{\text{six}} + 224_{\text{six}}$.

(2marks)

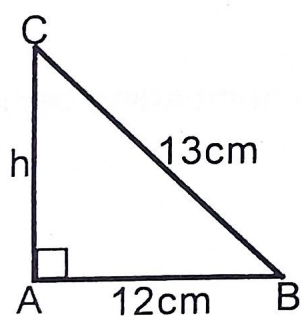
(b) Work out: $1101_{\text{two}} \times 11_{\text{two}}$.

(2marks)

(c) Find the value of 3 in the numeral 1321_{four} .

(1mark)

24. Below is a right angled-triangle ABC. Study it and answer questions that follow.



(a) Find the height h.

(2marks)

(b) Calculate the area of triangle ABC.

(2marks)

(c) Work out its perimeter.

(2marks)

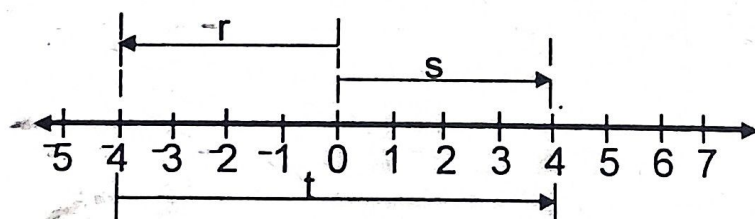
25. In a school, there are 220 pupils. 55% of them are girls, the rest are boys.
 (a) Find the ratio of girls to the school. (1mark)

(b) What percentage are boys? (1mark)

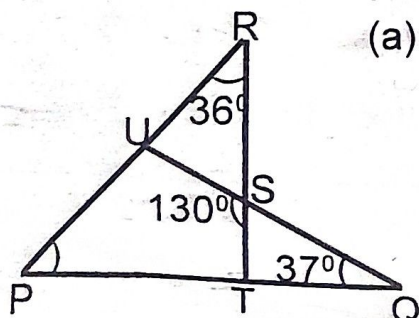
(c) How many more girls than boys are they? (3marks)

- 26.(a) Solve and write down the solution set.
 $2w - 5 \leq 1$. (2marks)

(b) State the Mathematical sentence shown on the numberline below. (3marks)



27. Study the diagram below and answer questions that follow.



(a) Find angle RUS. (2marks)

(b) Find the size of angle P.

(3marks)

28.(a) Subtract $(2m + n)$ from $(6m - 8n)$

(2marks)

(b) Solve for k: $\frac{5k - 2}{4} = k + 2$.

(3marks)



29. The area of a square is 16cm^2 .

(a) Find the measure of its sides.

(2marks)

(b) Use a pair of compasses, a sharp pencil and a ruler only to construct the square above.

(3marks)

30. A truck driver started his journey from town A at 4:00am for town C. He had to first pick simsim bags from town B 180km from town A. From town B, he drove directly to C 270km. He arrived at town C at 11:30am.

(a) How long did the whole journey take?

(2marks)

(b) Calculate the average speed for the whole journey.

(3marks)

31.(a) Multiply:
$$\begin{array}{r} 3629 \\ \times 123 \\ \hline \end{array}$$

(2marks)

(b) Divide:
$$72 \overline{)35496}$$

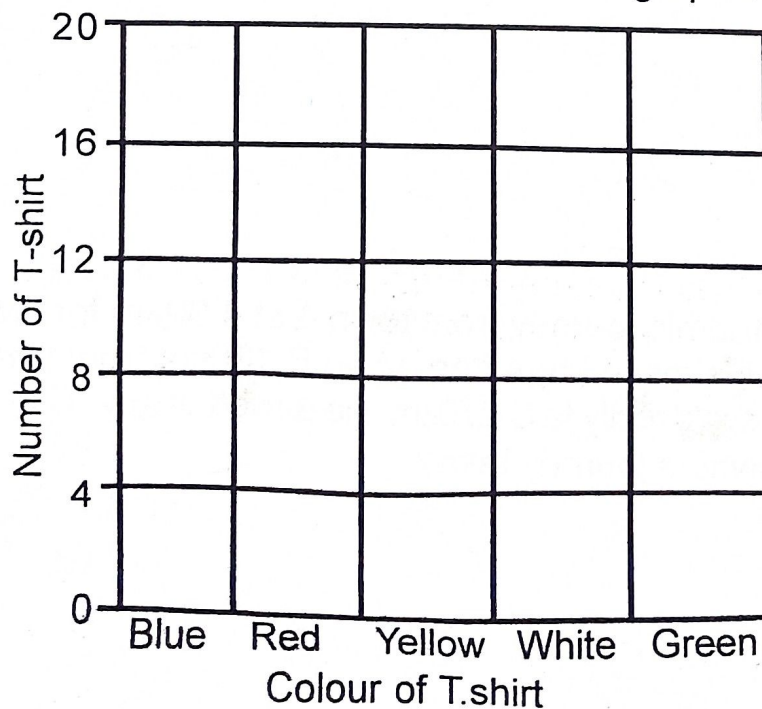
(2marks)

32. The table below shows the number of T-shirts and their respective colours, in a boutique.

Colour of T-shirt	Blue	Red	Yellow	White	Green
Number of T-shirts	8	14	4	20	10

Represent the information on the bar graph below.

(5marks)



****END****