

GOOD PRICE STATIONERY- WAKISO

MID SECOND TERM EXAMINATIONS 2023

MATHEMATICS FOR P.5

Time allowed: 2hours 30 minutes

Name:

Stream:.....District.....

FOR EXAMINER'S USE ONLY

Read the following instructions carefully:

1. The paper has two section: A and B.
2. Section **A** has 20 short- answer 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 change of work may lead to loss of marks.
7. Any handwriting that can not easily be read may lead to loss of marks.
8. Do not fill any thing in the boxes. They are for examiner's use.

FOR EXAMINER'S USE ONLY		
Qn No.	MARKS	Exr's No.
1 – 10		
11-20		
21-22		
23-24		
25-26		
27-28		
29-30		
31-32		
TOTAL		

SECTION A

1. Multiply: $6 \times 3 =$

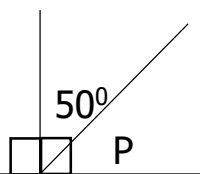
2. Set $A = \{\text{vowel letters}\}$
How many elements are in set A?

3. Write XCIX in hindu Arabic numerals.

4. Find the GCF of 12 and 16

5. What is the sum of the 4th even number and 5th prime number?

6. Find the value of angle marked P

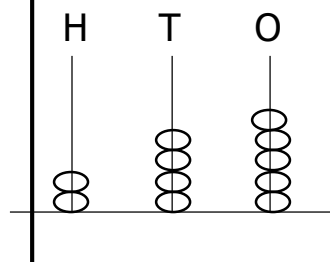


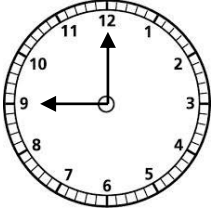
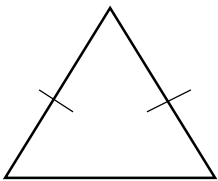
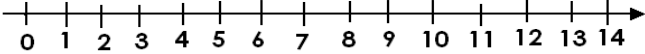
7. When a dice is tossed once. What is the probability that a prime number will show up?

8. List all factors of 18

9. Add: $5 + \frac{1}{4}$

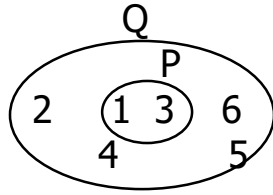
10. Complete the abacus below.



11. Write in figures. A half million	12. Multiply $12 \times 17 =$
13. Find the sum of the values of 7 and 3 in 7623.	14. Write the next number in pattern 1, 4, 9, 16, 25, _____
15. Use $<$, $>$ or $=$ to complete the mathematical statement $\frac{2}{5}$ _____ $\frac{1}{2}$	16. Write the evening time show on the clock face 
17. Convert 250cm to metres	18. Fill in the missing number <input type="text"/> $\div 4 = 8$
19. How many lines of folding symmetry has the figure below. 	20. Use a number line to work out $3 \times 2 =$ 

SECTION B

21. Study the Venn diagram below and answer the questions a and b



(a) List elements of set Q (1 mark)

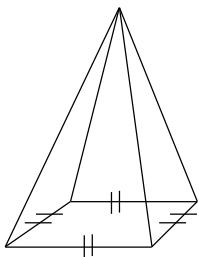
(b) Find the number of subsets in $P \cap Q$ (2 marks)

(c) List a set of whole numbers less than 10 (2marks)

22. (a) Write the number whose expanded form is $(4 \times 1000) + (2 \times 100) + (6 \times 1)$ (2marks)

(b) Round off 2967 to the nearest hundreds. (2marks)

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



(a) Name the figure above. (2 marks)

(b) Find its number of: (1 mark each)

(i) Faces

(ii) Vertices

(iii) Edges

24. Subtract:

(2 marks each)

(a)
$$\begin{array}{r} 1001_{\text{two}} \\ - 110_{\text{two}} \\ \hline \\ \hline \end{array}$$

(b) Multiply $10_{\text{two}} \times 11_{\text{two}}$

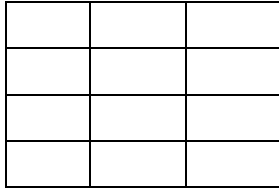
25. (a) Subtract: Four thousand six hundred from ten thousand. (2 marks each)

(b) Add: $4,194 + 925$

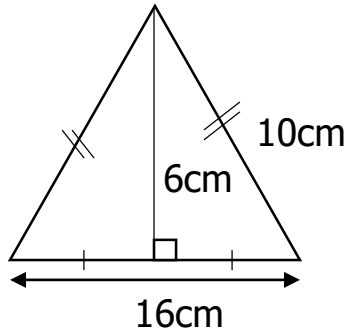
(c) Divide $289 \div 17$

26. (a) Find the area of the figure below.

(2 marks each)



(b)



27. Joan is 6 years older than Janet who is 14 years.

(a) Find their average age.

(3 marks)

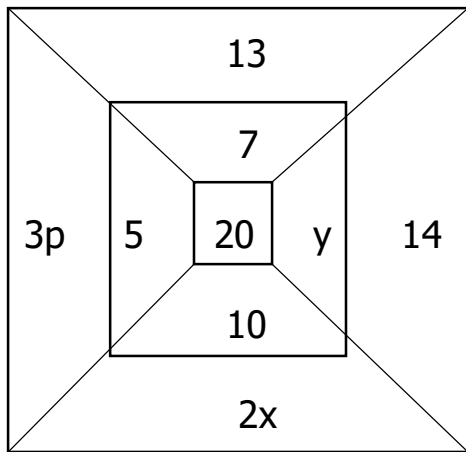
(b) How old was Joan ten years ago?

(1mark)

(c) Musa is 49 years. Write his age in Roman numerals.

(2 marks)

28. The sum at the centre is 20. Use the table to find the value of x , y and p .
(2 marks each)



29. (a) A book costs two times the cost of a pen. A pencil costs sh. 200 less than the cost of a pen. Find the cost of all items if a pen is sh. 500.
(3marks)

- (b) How many coins of sh. 500 are in sh. 10,000 note? (2marks)

30. (a) Convert $3\frac{1}{2}$ hours to minutes.

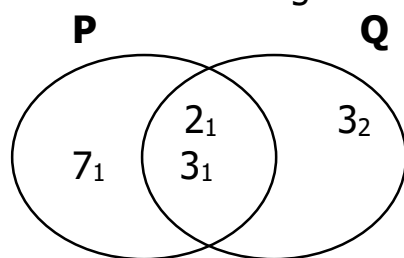
(2 marks each)

(b) Work out:

	Weeks	Days
	5	2
-	2	5
	<hr/>	
	<hr/>	

31. Using a ruler, sharp pencil and a pair of compasses only, construct a square of sides 5cm. (5marks)

32. The Venn diagram below shows the Prime factors of P and Q.



(a) Find the value of P and Q (1 mark each)

(i) P (ii) Q

(b) Calculate the GCF and LCM.

(i) L.C.M (2 marks)

(ii) G.C.F (2 marks)