BROAD EXAMINATIONS®
P.5 MATHEMATICS EXAMINATION
END OF TERM I 2024

Time allowed: 2 hours 30 minutes

Pupil's Name:..

School Name: ....

District Name: ....

Read the following instructions carefully:

1. This paper is made up of two sections: A and B.

2. Section A has **20** questions (**40 Marks**)

3. Section B has **12** questions (**60 Marks**)

4. Answer **ALL** questions in both sections A and B.

5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**

6. Unnecessary crossing of answers will lead to loss of marks.

7. Any handwriting, which cannot be easily read, may lead to loss of marks.

8. Do **not** fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINERS' USE ONLY		
PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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....
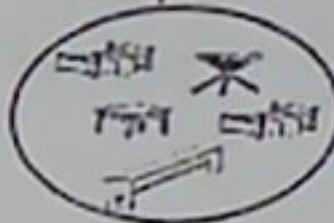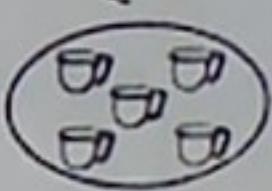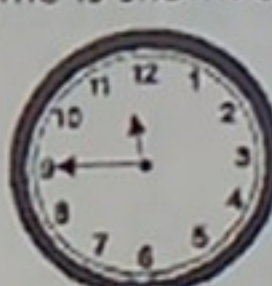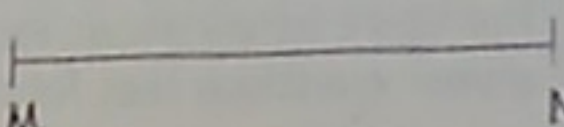..

Approved by:

*Team Head Mathematics Department*

SECTION .A. (40 Marks)

1.	Add 17 + 22	2.	Write 306 in words.
3.	Given that set M is a set of vowels. List and find the number of elements in set M.	4.	Peter had an orange and ate $\frac{2}{3}$ of it. What fraction remained?
5.	Draw a cylinder in the space below.	6.	Find the place value of 2 in the number 124_{five}.
7.	Razaro's family members were counted and recorded as ⊬⊬⊬ |||. How many members are in Razaro's family?	8.	How many five hundred shillings coins can be equivalent to a ten thousand shillings note?
9.	Find the next two numbers in the sequence. 2, 3, 5, 7, _____ , _____	10.	Divide 9116 by 4.

P.5 Mathematics End of Term I 2024
FOR ACADEMIC EXCELLENCE, AVOID MISSING BROAD HOLIDAY PACKAGES, WORK BOOKS & PAST PAPER BOOKLETS

11.	Komukama is 44 years old. Write her age in Roman numerals.	12.	Sebowa prepares 2kg 500g of rice every day. How much rice does he prepare in a week?
13.	Find the missing number below. $\square + 4 = 12$	14.	Describe the relationship between set P and set Q. Set P is _____ to set Q
15.	Omona bought a cock at sh.30,000 and later sold it at sh.32,000. How much money did she gain?	16.	What time is shown on the clock face below?
17.	Find the number that has been expanded to give; $(3 \times 10^3) + (5 \times 10^2) + (2 \times 10^0)$	18.	Using a ruler, measure the length of line MN below. M　　　　　　　　　　N MN = _____ cm
9.	Prime factorise 30 and write the factors in set notation.	20.	Express $5\frac{4}{7}$ as an improper fraction.

SECTION .B. (60 MARKS)

21. Given that set P = {1, 3, 6, 10, 15} and set Q = {0, 1, 2, 3, 4, 5}

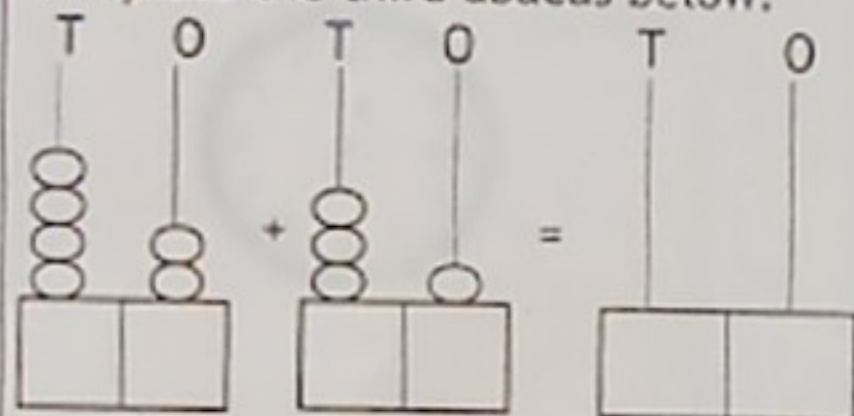**(a)** Represent the above sets on the venn diagram below.
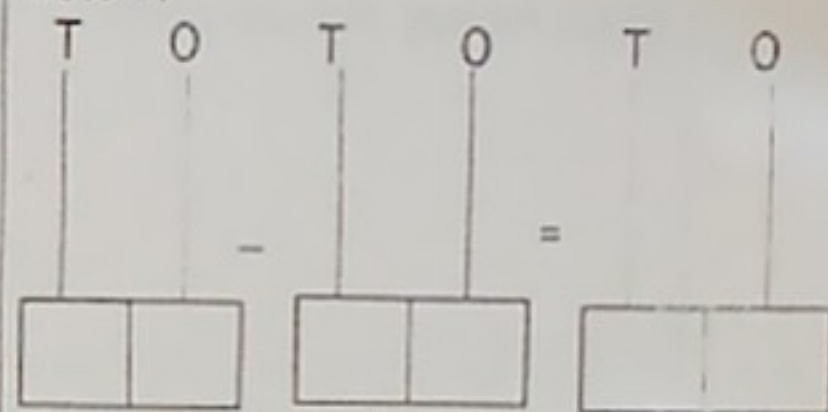
Q   P
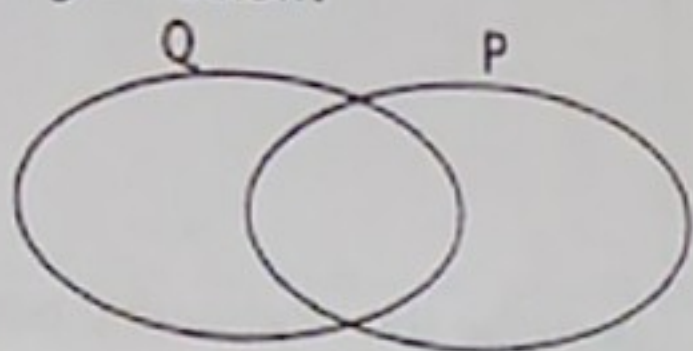
(b) Find P∩Q

(c) Find n(P-Q)

(05Marks)

22.(a) Complete the third abacus below.
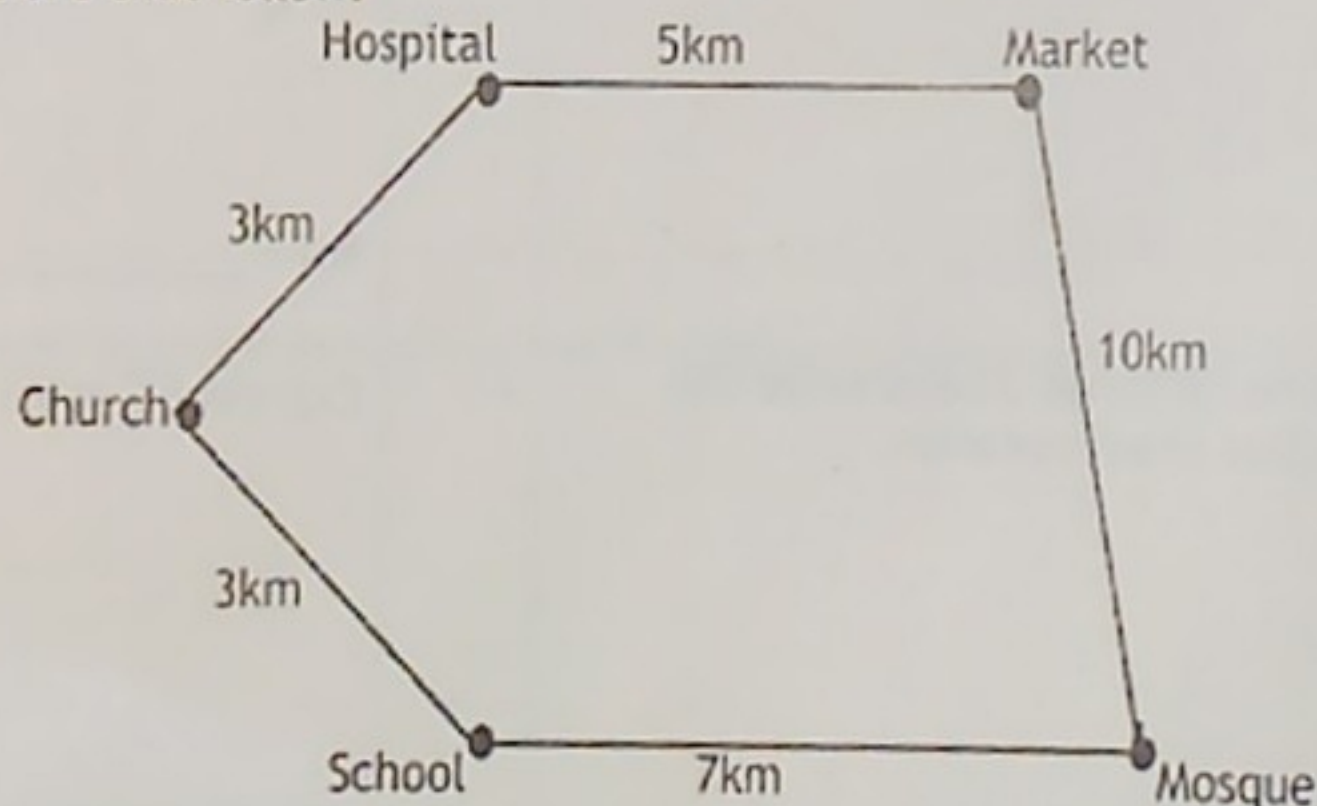
T O   T O   T O
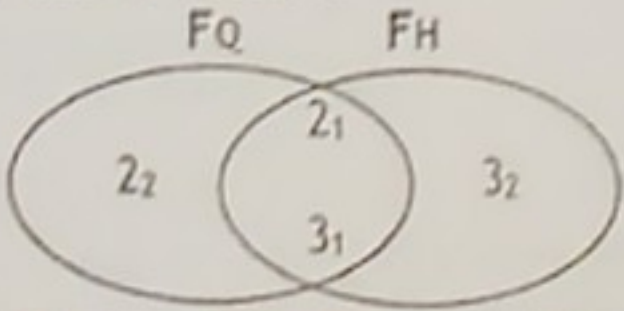

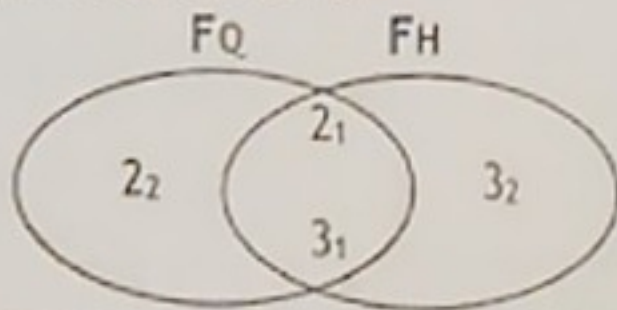**(b)** Subtract 34 - 11 using the abaci below.

T O   T O   T O

(06Marks)

23. The figure below shows location of different places in a community. Use it to answer questions that follow.

Hospital   5km   Market

3km

10km

Church

3km

School   7km   Mosque

(a)	What is the distance from the Mosque to the hospital through the market?	(b)	Find the distance covered by school pupils who go to church on Sunday and go back to school.
(c)	Express the distance from the mosque to school in metres.		
			(06Marks)
24.	Given the number 726.		
(a)	Find the value of the odd digit in the number above.	(b)	Expand the above number using place values.
			(04Marks)

25. The venn diagram below shows prime factors of Q and H. Study it carefully and answer the questions about it.

(a)	Find the value of; (i) H (ii) Q	(b)	Calculate the LCM of Q and H using the above prime factors.
			(06Marks)

(a)	What is the distance from the Mosque to the hospital through the market?	(b)	Find the distance covered by school pupils who go to church on Sunday and go back to school.

(c)	Express the distance from the mosque to school in metres. (06Marks)

24. Given the number 726.

(a)	Find the value of the odd digit in the number above.	(b)	Expand the above number using place values. (04Marks)

25. The venn diagram below shows prime factors of Q and H. Study it carefully and answer the questions about it.

(a)	Find the value of; (i) H (ii) Q	(b)	Calculate the LCM of Q and H using the above prime factors. (06Marks)

26.	The table below shows items bought by Collin on Easter Day.			
	Item	Quantity	Unit cost	Amount
	Meat	2kg	Sh.13,000	Sh._____
	Sugar	½ kg	Sh.6000	Sh._____
	Bread	2 loaves	Sh.6,000	Sh._____
	Milk	3 litres	Sh.1,000	Sh._____
		Total Expenditure		Sh._____

(a) Complete the table.

(b) If he had sh.50,000, find his change.

(06Marks)

27. Using a ruler, a pencil and a pair of compasses only, construct a square of side 6cm.

(05Marks)

28. (a) Add: 2 3 1 five
           + 2 3 five
           _____

(b) Subtract: 3 2 0 five
            - 1 2 1 five
            _____

(04Marks)

29.	(a) Write $\frac{1}{3}$ in words.	(b)	Simplify: $\frac{2}{5} + \frac{3}{5}$

(c) What is $\frac{2}{3}$ of 18 books?

(05Marks)

30. Below is a P.3 time table at Cream land Primary School for Friday up to lunch.

Time	Activity
8:30am - 9:00am	MTC
9:00am - 9:30am	P.E
9:30am - 10:00am	LIT II
10:00am - 10:30am	LIT I
10:30am - 11:20am	Break
11:20am - 11:50am	ENG
11:50am - 12:20pm	READING
12:20pm - 12:50pm	CPA

(a) Which subject is taught first?	(b) For how long is English taught that day?

(c) For how long do the pupils play?

(04Marks)

Find the missing numbers below;

$\square + 9 = 16$

(b) $3 \times \square = 15$

$\square - 6 = 10$

(05Marks)

32. The bar graph below shows the number of apples Florence sold in a week. Use it to answer questions that follow.
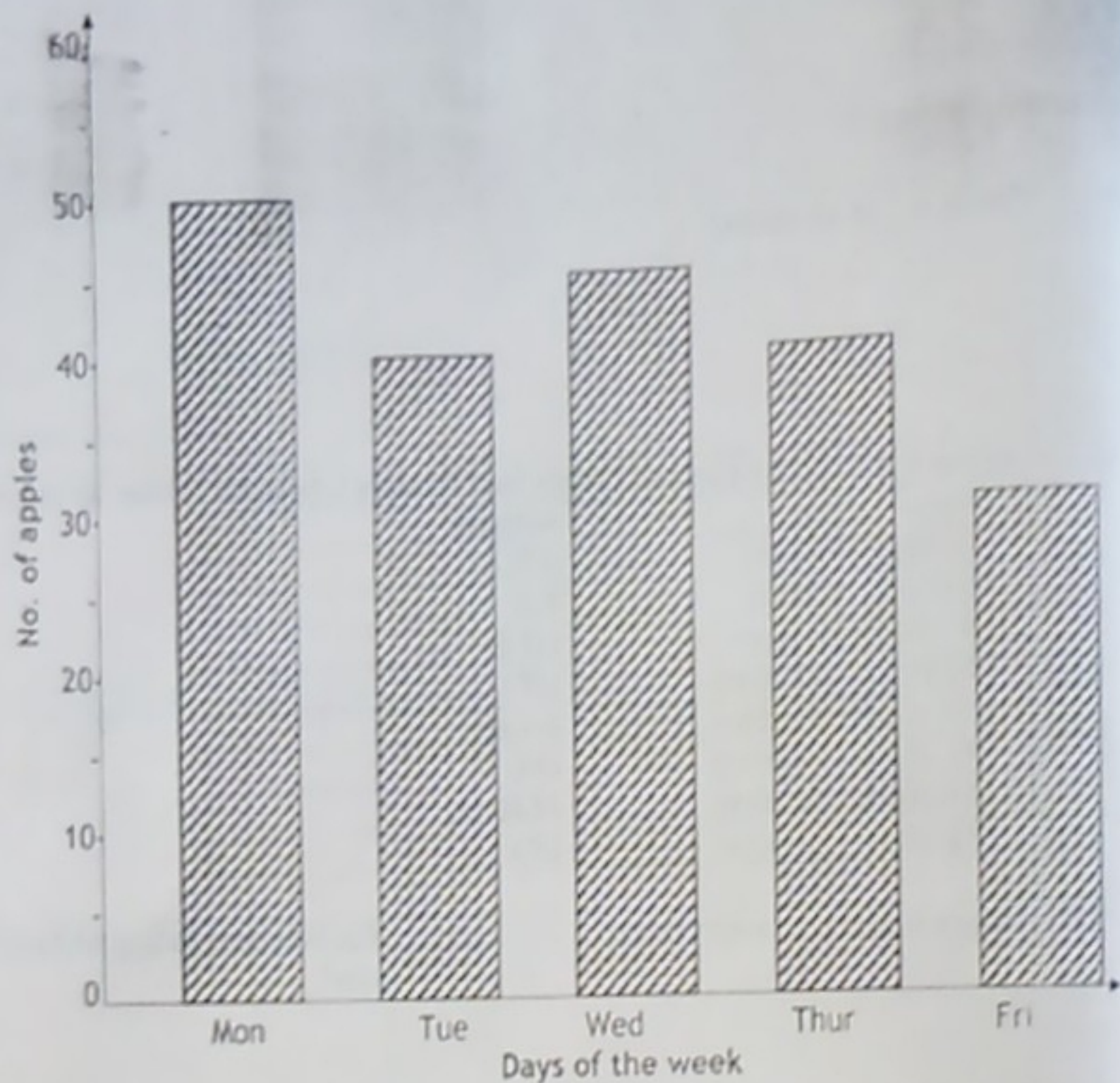
(a) How many apples were sold on Wednesday?

(b) In which two days were the same number of apples sold?

(c) How many apples did she sell altogether?

(04Marks)

END