SMART STAR EXAMINATIONS BOARD

BEGINNING OF TERM I EXAMINATION – 2024

PRIMARY FOUR

MATHEMATICS

Time allowed : 2 hours 30 minutes

Pupil`s Name .....

School Name.....

District Name.....

Read the following instructions carefully;

1. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and Section **B** has **12** questions.

2. All the working for both sections **A** and **B** must be shown in the spaces provided.

3. All working must be done using a **blue** or **black** ball-point pen or fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.

4. **No calculators** are allowed in the examination room.

5. Unnecessary changes of work may lead to **loss** of marks.

6. Any handwriting that cannot easily be read may lead to **loss of marks.**

7. Do **not** fill anything in the boxes indicated: **"FOR EXAMINERS' USE ONLY" and** boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO.	MARK	EXR`S NO.
1 - 10		
11 - 20		
21 - 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

SECTION A (40 MARKS)

*Answer **all** questions in this Section*

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

1. Add: $\frac{1}{9} + \frac{2}{9}$

2. Write **6 4 3** in words.

3. Draw a cone in the space below;

4. Change 4000g to kg.

5. Simplify: $y + 3y + y$

6. If  represents 5 balls. How many balls are represented by  ?

7. Nakato went to Canada and spent there 35 days. How long in weeks was Nakato in Canada?

8.Find the next two numbers in the sequence below.

0, 4, 8, 12, 14, _____ , _____

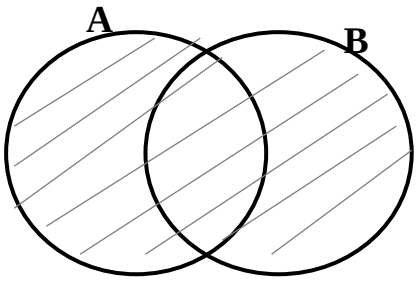
9. Write the unshaded fraction in words.

10. The cost of a kilogram of sugar is sh.4000. Find the cost of 4 similar kilograms of sugar.

11. Expand 9 4 3 using values.

Turn Over

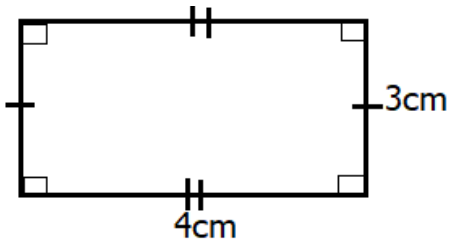
12. Describe the shaded region on the Venn diagram below



13. Naboth had some eggs. When he gave away 42 eggs to his friend, he remained with 20 eggs. How many eggs did he have before?

14.List all odd numbers less than 13.

15. **Find the area of the figure below;**

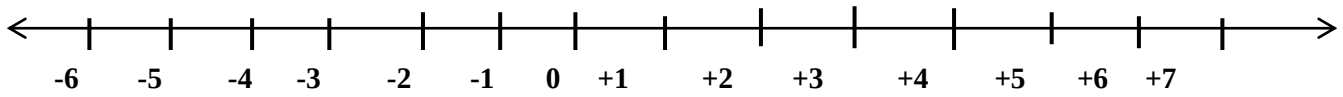


16.Work out: Sh. 4 2 3 0
+ Sh . 2 3 0 0

17. What number comes after 2 3 7?

18. Given that P = {a, n, g, l, e, s}. How many members are in set P?

19. Add 3 + 5 using a number line below



20. Find the missing number ☐ - 3 = 9

SECTION B(60marks)

*Answer **all** questions in this section*
Marks for each question are indicated in brackets

21.**a)**Write 25 in Roman numerals. **(2marks)**

b) Expand 3 7 9 using place values. **(2marks)**

c)Find the value of 3 hundreds. **(2marks)**

Turn Over

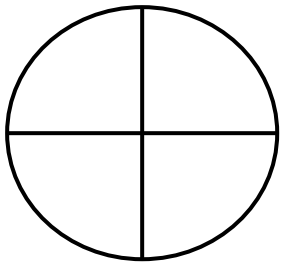
22.a) Tell the time on the clock face below. **(2marks)**

b) Express 5 hours to minutes. **(2marks)**

c) Peter went to Namasuba on Monday and came back home after 5 days. On which day did he come back home? **(1mark)**

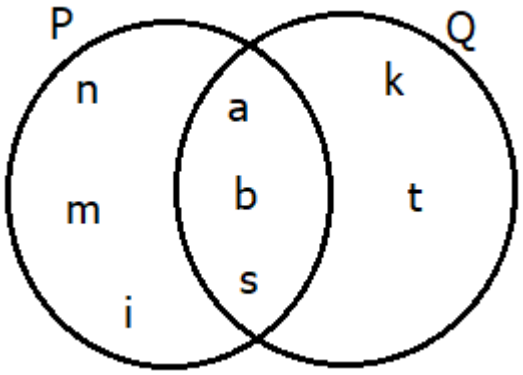
23.a) Work out: $\frac{9}{9} - \frac{3}{9}$ **(2 marks)**

b) Shade $\frac{3}{4}$ of the diagram **(1mark)**



c) Perez has $\frac{3}{11}$ of the cake and was given $\frac{2}{11}$ more by his mother. What fraction of the cake does he have altogether? **(2marks)**

24. **Use the Venn diagram to answer the questions that follow.**



a) List the members of set; **(1mark@)**

i) P={ }

ii) Q={ }

b) Find n(Pu Q) **(2marks)**

25. a) What is $\frac{1}{3}$ of 15 books? **(2marks)**

Turn Over

b) Katongole had a cake and gave $\frac{3}{7}$ to Nasozi. What fraction did he remain with? **(2marks)**

c)Work out: $\frac{4}{10} + \frac{2}{10}$ **(2marks)**

26.a)Work out: 3 4 2 + 62. (**2marks)**

b) In a class of 42 pupils, 20 of whom are boys.How many more girls than boys are there? **(2marks)**

27.**Below is a 3 by 3 magic square**

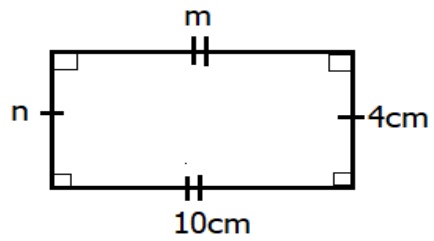
a	8	**b**
6	**c**	**d**
5	0	7

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

b) Find the values of; **(1mark@)**

a	b	c	d

28. Use the figure below to answer the questions that follow.



a) Name the shape. **(1mark)**

……

b) Find the values of; **(1mark@)**

m =……cm n = ……cm

c) Find the area of the figure above. **(2marks)**

29.**Alupo went shopping and bought the following items;**
A kg of sugar at sh. 4500
A bar of soap at sh. 3500
A litre of cooking oil at sh.3000
A loaf of bread for sh.4000.

Turn Over

a) How much is the most expensive item on the list? **(1mark)**

……

b) If Alupo paid sh.6000 for cooking oil. How many litres did he buy? **(2marks)**

c) Find the total cost for paying all the items? **(2marks)**

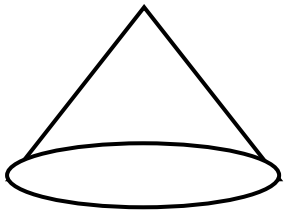
30.Work out the following(2marks@)

a) ☐ + 12 = 12

b) ☐ - 4 = 18

c) 20 ÷ ☐ = 5

31.a)**Name these shapes.** **(1mark@)**

a) 

b) 

_____ _____

b)**Draw these shapes** **(1mark@)**

square	**rectangle**	**cuboid**

32.The head teacher of Hillside primary School distributed textbooks amongst four classes as shown in the pictograph below;

Class	Number of text books
P.1	
P.2	
P.3	
P.4	

Scale:  stands for 7 books.

a) Which class received the highest number of textbooks?
(1mark)

……

b) Which classes received the same number of textbooks?**(2marks)**

c) Find the total number of books given out to the four classes altogether.
(2marks)

END