

**DELIGHT JUNIOR SCHOOL- MBALE**  
**END OF TERM II (INT.) EXAMINATION - 2024**



**PRIMARY FIVE MATHEMATICS**

*Time allowed 2 hours 30 minutes*

NAME: .....

CLASS: .....

**Read the following instructions carefully:**

1. The paper has **two** Sections: **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 answer for both section **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 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.	MARK	SIGN
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

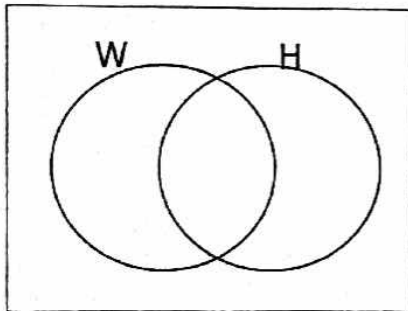
SECTION A (40 MARKS)

1. Workout:

$$\begin{array}{r} 5 \quad 8 \\ + 1 \quad 2 \\ \hline \end{array}$$

2. What is the complete of  $30^\circ$ ?

3. Shade the complement of  $W \cup H$  in the venn diagram below.



4. Write 49 in Roman numerals.

5. If a book costs sh. 2000, find the cost of a half dozen of similar books.

6. Given that set  $Q = \{\text{vowel letters}\}$ . How many proper subsets has set  $Q$ ?

7. Write 1022 in words.

8. A taxi carries 14 people in a trip. How many people will it carry if it makes 5 trips?

9. Expand 2435 using powers of ten.

10. Given that the  $PF_M = \{2_1, 2_2, 3_1, 3_2\}$ . Find the value of  $M$ .

11. A car use 5 litres of fuel to cover a distance of 45km. How many kilometers will it cover using 9 litres of fuel?

12. Workout:      Hrs   Mins

10   40

- 7   55

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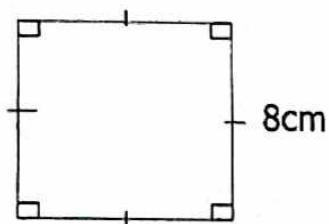
13. Solve for **m**:

$$3m + 4 = 16$$

14. Find the sum of the next two numbers in the sequence below;

21, 23, 25, \_\_\_\_\_, \_\_\_\_\_

15. Find the area of the figure below.



16. Omonyo was told to fill a 20 litre jerrycan of water using an  $\frac{1}{4}$  litre cup. How many  $\frac{1}{4}$  litre cups will he use in order to fill the jerrycan?

17. Change 240 minutes to hours.

18. Change  $3\frac{2}{5}$  to an improper fraction.

19. Using a pair of compasses, a ruler and a sharp pencil construct an angle of  $60^\circ$  in the space provided below.

20. Prime factorize 36 and leave your answer in subscript form.

### SECTION B (60 MARKS)

21. Sharon was sent to the shop and she bought the following items;

2kg of sugar at sh. 2500 @ kg

2  $\frac{1}{2}$  kg of rice at sh. 2400 per kg

4 litres of milk at sh. 800 a litre

2 loaves of bread at sh. 7000

a) How much did she spend altogether?

(5marks)

b) What was her change if she gave sh. 25,000 to the shopkeeper?

(2marks)

22. Workout:  $\frac{1}{4} - \frac{2}{3} + \frac{3}{4}$

(3marks)



23. Given that set  $S = \{a, e, i, o, u\}$  and  $T = \{a, b, c, d, e\}$ .

a) Draw a venn diagram to show the two sets. (2marks)

b) Using the venn diagram: Find;

(i)  $S \cap T$  (1mark)

(ii)  $n(S \cup T)$  (2mark)

24. Amani formed numbers using digits 7, 3, 4 and 5 as instructed by the teacher.

a) What was the;  
(i) Smallest number formed. (1mark)

(ii) Largest number formed. (1mark)

b) Find the difference between the highest and the lowest number formed. (2marks)

c) Workout the sum of the smallest and the biggest numerals formed. (2marks)

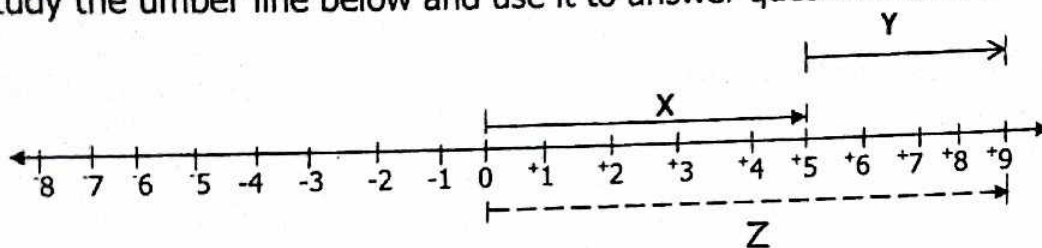
25. Using a radius of 4cm, construct a regular hexagon, show all the details. (5 marks)

26.a) How many minutes are equivalent to 9 hours? (2marks)



- b) A driver was driving at a speed of 90km/hr and covered the distance in 2 hours. What distance did he cover? (2marks)

27. Study the number line below and use it to answer questions that follow.



a) Name the integer represented by;

(i)  $X =$  \_\_\_\_\_

(ii)  $Y =$  \_\_\_\_\_

(iii)  $Z =$  \_\_\_\_\_

b) Write a Mathematical statement for the above number line. (2marks)

28. The table below shows the marks scored by P.5 pupils in a test. Use it to answer the questions about it.

Marks	60	90	80	70	50
Number of pupils	2	2	3	1	2

a) How many pupils did the test? (1marks)

b) Find the modal mark. (1marks)

c) Find the modal frequency.

(1marks)

d) Calculate the mean mark.

(3marks)

29. a) Expand 5432 using values.

(2marks)

b) Round off 2568 to the nearest Hundreds.

(2marks)

30. a) Workout:

Weeks	Days
5	4
+2	5
<hr/>	
<hr/>	

b) A boy collects 20 eggs every day from their farm for 7 days; how many eggs did he collect altogether? (2marks)

31. a) Add:

$$\begin{array}{r} 22_3 \\ + 22_5 \\ \hline \end{array}$$

(2marks)

b) Write  $211_{\text{three}}$  as base ten.

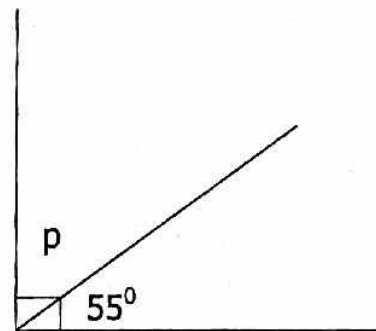
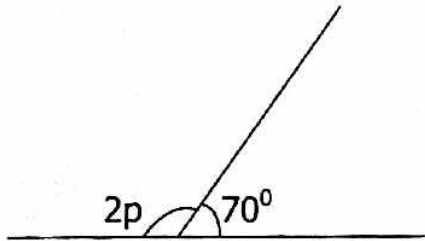
(3marks)

32. a) Solve the equation given below.

(2marks)

$$3y + 5 = 10$$

b) Calculate the size of angle marked P in the diagrams below.  
(2mark@)



END