THE E-LEARN EXAMINATIONS BOARD

B.O.TERM ONE EXAMINATIONS 2024

PRIMARY FIVE

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Pupil's Name: .....

School Name: .....

District Name: .....

Read the following instructions carefully:

1. Do not forget to write your **school** or **district name** on the paper.
2. This paper has two sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **11 printed pages** altogether.
3. Answer **all** the questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** the working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks** easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper

FOR EXAMINERS' USE ONLY		
Qn. No.	**MARKS**	**EXR'S NO.**
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		

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Turn Over

SECTION A: 40 MARKS

*Answer **all** questions in this section*

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

1. Workout:
$$\begin{array}{r} 2\ \ 5 \\ +7\ \ 4 \\ \hline \\ \hline \end{array}$$

2. Set W= {b, e, a, u, t, y}. How many members are in set W?

3. Write 356 in words.

4. Find the next number in the sequences
223, 226, 229, ____

5. Solve: X+7=23

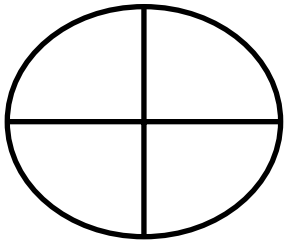
6. Workout:

Hours	Minutes
2	40
+ 1	50

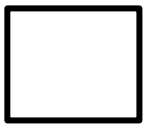
7. Write 985 in expanded form

8. Given that  represent 15 balls, how many pictures are represented by 60 balls?

9. Shade two quarters of the diagram below



10. Draw line segment AB of radius 7cm.



11. Simplify : $\frac{1}{2} - \frac{1}{3}$

12. A lady bought a basket for sh.12,000 and sold it for sh.9,000. Find the loss she made.

13. Express XLVI in Hindu Arabic numerals.

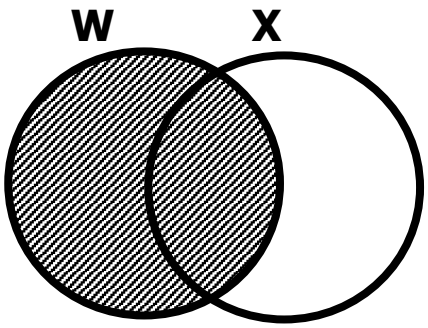
Turn Over

14. It is 5kilometres from my home to school. Calculate the number of metres it takes.

15. A farmer has 973 cows and 498 goats on his farm. How many more cows than goats are on the farm?

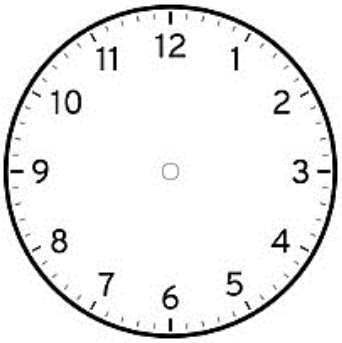
16. Describe the shaded part on the Venn diagram below.





17. Walter planted 125 seedlings on Monday, 342 seedlings on Tuesday and 231 seedlings on Wednesday. Find the number of seedlings he planted in the three days.

18. Show twenty-five minutes to 11 O'clock on the clock face below.



19. Using a pencil, a ruler and a pair of compasses only, construct an angle of 90^0

20. Workout: $5\sqrt{250}$

SECTION B: 60 MARKS

*Answer **all** the questions in this section*

Marks for each question are indicated in the brackets

21. Kasibante went shopping and bought the following items;

2 bars of soap at sh. 7500 per bar

3kg of rice for sh. 4, 000 each kg

4books for sh.1,000 per book

(a) Find his total expenditure

(4marks)

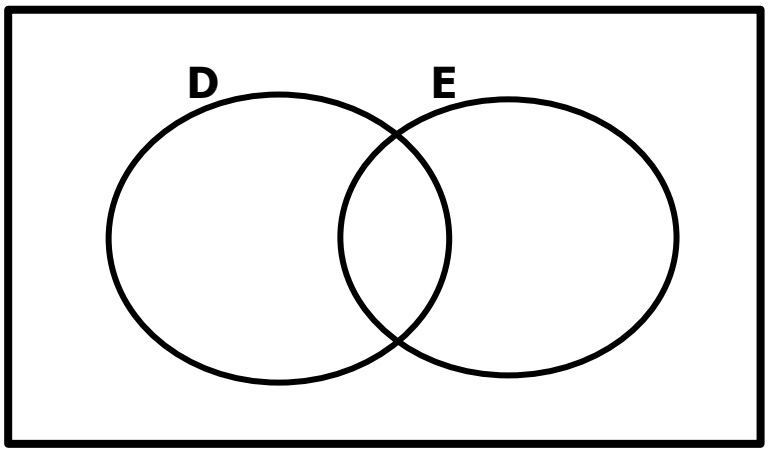
Turn Over

(b) If he was given a change of sh.19, 000, how much money did he have at first?

(1mark)

22. Given that set D={2, 3, 4, 5, 6, 7} and
Set E= {12, 4, 13, 5, 6, 19}

(a) Represent the above information on the Venn diagram



(3marks)

(b) List all the members of set D **∩** E *(2marks)*

23. (a) Find the missing number

m ÷3=9 *(1mark)*

(c) Given that a=7, b=20, and c=5, find the value of ;

i) 2b+c *(2marks)*

ii) a + b + c

(2marks)

24. Out of 40 pupils in the church choir, ¼ are boys and the rest are girls.

(a) Find the fraction of girls.

(2marks)

(b) How many more girls than boys are in that choir?

(3marks)

Turn Over

25. (a)Match correctly

Month	**Number of days**
November	31
February	30
July	28

(b)An assembly started at 7:00a.m and ended at 9:20a.m. For how long did it last?

(2marks)

26. (a)Find the LCM of 6 and 9

(2marks)

(b) Write down the first five even numbers. *(1mark)*

(c)List all factors of 12.

(2marks)

27. Given the digits: 0, 7 and 8.

(a) Form and write the largest three-digit number in words.

(2marks)

(c) Expand the smallest three-digit number using place values.

(1mark)

(d) Round off the sum of the smallest and biggest three-digit numbers to the nearest hundreds.

(2marks)

28. (a) Workout

(a) $\begin{array}{r} 45 \\ \times\ 3 \\ \hline \\ \hline \end{array}$ *(2mks)*

(b) $\begin{array}{r} 6014 \\ -\ 395 \\ \hline \\ \hline \end{array}$ *(2mks)*

(c) $\begin{array}{r} 69 \\ 75 \\ +37 \\ \hline \\ \hline \end{array}$ *(1 mark)*

29. Using a ruler, a pencil and a pair of compasses only, construct an equilateral triangle in a circle of radius 4cm

(5marks)

Turn Over

30. Use the container below to answer the questions below



(a) Workout the total capacity of the two containers.

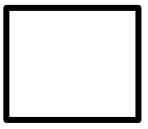
(1mark)

(b) How many containers of type P can fill container Q?

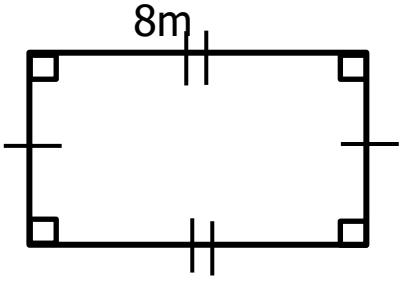
(2marks)

(c) If Jumba needs 120litres of water to do all her housework, how many containers of type Q will she need?

(2marks)



31. The figure below is a Rectangle. Use it to answer the questions that follow.



(a) How many sides does it have?

(1mark)

(b) Given that its width is a half of its length, find the measure of its width.

(2marks)

(c) Workout its area.

(2marks)

32. Study the magic square below.

8	1	6
a	5	b
4	c	d

(a) Find the magic sum

(1mark)

(b) Find the the value of the missing number a, b, c, and d

(1mark each)

i) a= ii) b=

ii) c= iv) d=

END