SURE KEY EXAMINATIONS BOARD
PRIMARY FOUR LPTE PREPARATION SET THREE
2023
MATHEMATICS

Time Allowed: 2 hours 30 minutes

Index No.						Personal No.		

Pupil's Name: ....

Pupil's Signature: ....

School Name: ....

District Name: ....

Read the following instructions carefully:

1. Do not forget to write your **school** and **district name** on this paper.

2. This paper has two sections: **A** and **B**. Section **A** has **20** questions and Section **B** has **12** questions. The paper has **12 printed pages** altogether.

3. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.

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

6. Unnecessary **changes** in your work and handwriting that cannot easily be read may lead to loss of marks.

7. Do not fill anything in the table indicated: **"For Examiners' Use only"** and boxes

FOR EXAMINERS' USE ONLY		
Qn.No.	MARKS	EXR'S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

Turn Over

1. Workout :

$$\begin{array}{r} 5\ 3\ 4 \\ -\ 1\ 2\ 3 \\ \hline \end{array}$$

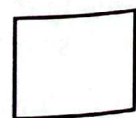2. Write CCVII in Hindu Arabic numerals.

3. Workout : $\frac{1}{2}$ of 120 + 120.

4. Given that Set A = {0, 2, 4, 6, 8, 10} and Set B = {1, 2, 3, 4, 5, 6, 7}
   Represent the two sets on the Venn diagram below.
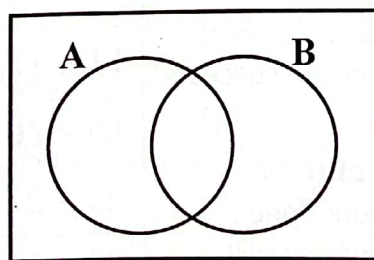
5. An action movie on Bukedde TV started at 8:30p.m. an ended at 10:45p.m. How long did Sam take watching the movie?

6. Find the next number in the sequence:

   4, 6, 9, 11, 14, …………

7. Round off 796 to the nearest tens.

8. M •————————————————• N is a straight road measuring 1000cm. Opio's foot is 5cm long. How many equal feet does Opio make to cover the above distance?

9. Joan paid Sh.2,500 for $2\frac{1}{2}$kg of beans. How much did she pay for each $\frac{1}{2}$kg?

10. A lorry loaded with sand weighs 5200kg. If the sand that was loaded on the lorry was weighing 2300kg. Find the weight of the lorry when empty.
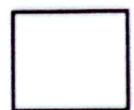
Turn Over

11. Expand 723 using values.

12. Jane is 6 years older than his brother John. If John is 16 years old. How old is Jane?

13. Solve for w in the box: $\boxed{w}$ + 2 = 9.
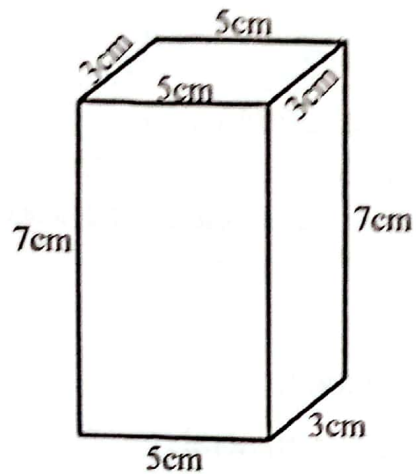
14. Change 4 metres to centimetres.

15. James ate $\frac{3}{7}$ of the slices of bread drawn below. Shade the fraction of the bread he did not eat.

$\boxed{}$

16. Workout: $2\overline{)524,}$

17. Workout the distance on all the edges of the figure below.

18. What does $\frac{4}{9}$ and $\frac{5}{9}$ total up to when added?

19. Find the common factors of 12 and 24.

Turn Over

20. Given that 👧 represent 20 girls and 👦 represent 15 boys and there are 👧👦👦👦 in P.4 Blue. Find the total number of pupils in P.4 Blue.

□

SECTION B: 60 MARKS
Answer **all** questions in this section
Marks for each question are indicated in brackets.

21. Given the digits 2, 5, 4.

    (a)   Use all the above digits to form:

        i)   the smallest three digits numeral.   (01 Mark)

        ii)   the biggest three digits numeral   (01 Mark)

    (b)   Find the sum of the largest and the smallest numbers formed.   (02 Marks)

    (c)   Subtract the smallest numeral formed from the biggest numeral and then represent the answer on the abacus below.   (02 Marks)

H   T   O

6

22. (a) Change $2\frac{1}{4}$ to an improper fraction (02 Marks)

(b) Workout: $\frac{5}{6} - \frac{3}{6}$ and reduce it to its simplest terms. (02 Marks)

(c) How many half litre cups can be got from a 5 litre jerrycan? (02 Marks)

23. Brian went to the market and bought the following items.

2kg of salt at sh.1000 each kg
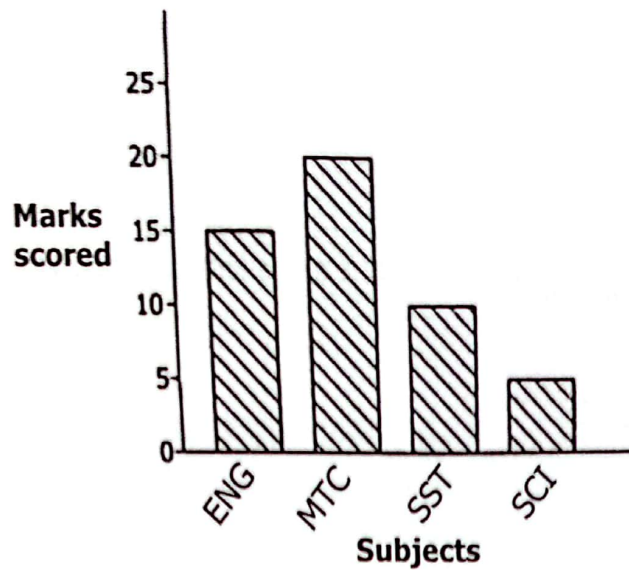
A bar of soap at sh.8000

$\frac{1}{2}$kg of sugar at sh. 1800

(a) How much did he pay for the items above? (02 Marks)

(b) If he had sh.15000, how much money did he remain with? (02 Marks)

Turn Over

24. The graph below shows marks scored by a P.4 pupil in a test marked out of 25%. Study and use it to answer the questions that follow.

(a) What was the best done subject of the four? (01 Mark)

....

(b) Find the difference between the highest mark and lowest mark. (02 Marks)

(c) Workout the total marks of the pupil in the four subjects. (02 Marks)

(d) Write the total marks the pupil got in words. (01 Mark)

☐

25. (a) What number has been expanded as below? (02 Marks)

(4x10x10x10x10) + (5 x 5 x 4) + (6 x 1)

(b) Workout the product of the value of 4 and the value of 1 in the number 40106. (02 Marks)

26. Mr.Mukasa borrowed Sh.90,000 from Mugaga and Mukasa agreed to be paying back Sh.9,000 every day for two weeks.

   (a) How much money did Mr.Mukasa pay back after the two weeks? (02 Marks)

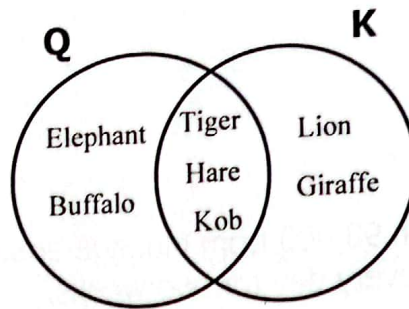   (b) How much did Mr.Mukasa pay as additional money (interest) to Mugaga? (02 Marks)

27. Given that, a = 20, b = 50 and c = 10.

   (a) Find the value of $\dfrac{b \times a}{c}$ (02 Marks)

   (b) What is the value of (b x c) – (a x c) (02 Marks)

Turn Over

28. The Venn diagram below shows the animals the tourists who visited Queen Elizarbeth National Park (Q) and Kidepo National Park (K) saw. Use it to answer the questions that follow.

(a) List the animals the tourist saw in both national parks?   (01 Mark)

(b) List and then find the total number of animals in Kidepo National Park.   (02 Marks)

(c) Which animals did the tourist see in Queen Elizabeth National Park but not in Kidepo National Park?   (01 Mark)

(d) Find n (Q U K).   (02 Marks)
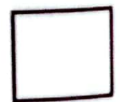
29. Using *Km Hm Dm M dm Cm mm | Kg Hg Dg G dg Cg mg | Kl Hl Dl L dl Cl ml.*

(a) How many litres are in a 256000 millilitres tank?   (02 Marks)

(b)   If John walks 4km to school and another 4km back home, convert the total distance he covers to metres.   (02 Marks)

(c)   Change 750grams to Kilograms.   (02 Marks)

30.   In Konja P/S, there are 100 more pupils in P.1 than in P.2 and the number of those in P.3 is 50 less than that in P.1. If P.1 has 150 pupils. Find the total number of all the pupils in the three classes.   (04 Marks)

31.   Complete the multiplication table below correctly.   (04 Marks)

X	5	7	9	11
2	......	14	18	22
......	20	28	36	......
6	30	42	......	66

11

Turn Over

32. A teacher wrote the following formulas on the blackboard for P.4 pupils to read and always use when working out the perimeter, area and volume of our major shapes. Use it to answer the questions that follow.
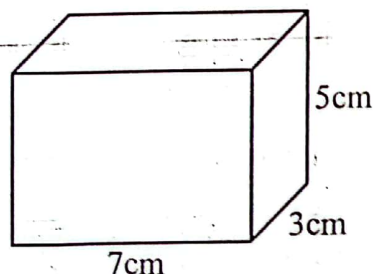
Area of a square	= Side X Side
Perimeter of a rectangle	= Length X Width
Volume of a Cuboid	= L X W X H
Area of a triangle	= $\frac{1}{2}$ x base x height

NB: The units for area must be squared and volume must be cubed e.g. $cm^2 / m^2 / cm^3 / m^3$

(a) Find the area of a square whose sides are 6m. (02 Marks)

(b) Workout the area of the figure below. (02 Marks)

7cm

10cm
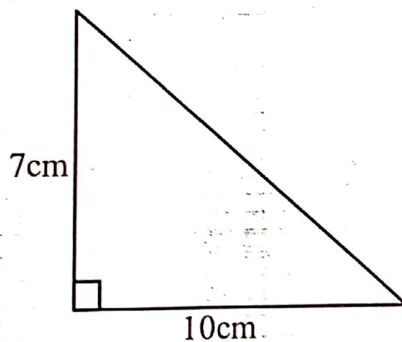
(c) Calculate the volume of the cuboid below. (02 Marks)

5cm

3cm

7cm

END