

MATHEMATICS EXAMINATION MIND KEEP UP SERIE IV 2024

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NAME:FAMILY.....MARKS.....

Rules: This paper has only one part, answer it correctly.

- 1. The table below shows marks scored by some pupils in an interview. Use it to answer the questions correctly.**

Marks	60	72	50	70
Number of pupils	1	5	3	1

a) How many pupils did examination?

b) What was the modal score?

c) Find the mean score.

- 2. Aisha went shopping with a twenty thousand shillings note and bought the following items.**

- **1½kg of beans at sh. 2400 per kg**
- **1.5kg of meat at sh. 21000**
- **15 oranges at sh. 1000 for every 3 oranges**
- **A dozen of pens at sh.500 each.**

a) How much did she pay for almost items?

b) If she was given a discount of 10%, what was his change?

- 3. a) With a help of a pair of compasses, ruler and pencil only, construct a quadrilateral PQRS such that $PQ = RS = 6\text{cm}$, $QR = PS = 5\text{cm}$ and angle $PQR = 60^\circ$**
- b) Drop Perpendicular line from R to meet length PQ at K**
- 4. Ocheng had a rectangular plot measuring 120 metres by 60 metres. He fenced it using poles that were fixed at intervals of 5 metres apart.**
- a) How many poles did he use to fence the plot?**
- b) If each pole costs sh. 3500, how much money did Ocheng spend on poles.**
- 5. The sum of three consecutive even numbers is 24, if the second number is $k + 2$.**
- a) Find the numbers.**
- b) Work out their range.**