

END OF TERM II EXAMS 2023 S. 3 Mathematics 21/4 hours

Instructions

- Answer all questions
- Clearly show working for all questions answered
- Ensure neat work.
 - 1. In order to improve on the livelihood among the community, the government of Uganda embarked on distribution of improved seeds to boost the yield of agricultural products in Kamuli district, Magogo Sub County which has 4 wards.

The wards are A, B, C and D basing on the size of land in each for every 100 packets of seed. Ward A gets 30 packets, ward B gets 20 packets, ward C gets 40 packets of seed and ward d gets 10 packets.

The government has produced 45,000 packets which are all to be shared equitably according to the community.

By using a statistical pie chart, help the local leaders to distribute these seeds to the community in words. (20 scores)

2. Two learners were given a task of plotting the following points on grid. A(0, 4), B(2, 2), C(4, 2), D(2, 0), E(4-2), F(0, -1), G(-4, -2), H(-2, 0) I(-4, +2) and J(-2, 2).

Before they plotted the points, Jane told Musa that when plotting her point A you more 4 units to the right of the origin and no movement along the y—axis from the origin.

For point C you move 2 units to the right of the origin and 4 units parallel to y-axis in the positive direction.