NAME:...
.CLASS:
.ADM NO:.....
END TERM EXAM
AGRICULTURE
$1^{\text {ST }}$ TERM 2020
FORM 2

## 50MKS

1. State four effects of HIV/AIDS on Agriculture.
(4mks)
2. Outline four characteristics of plants usedas green manure.
(4mks)
3. State four characteristics of Romney marsh as a dual purpose breed of sheep.
(4mks)
4. Outline four symptoms of Nitrogen deficiency.
(4mks)
5. Stat four characteristics of phosphatic fertilizers.
6. A farmer was adviced to apply 150 kg CAN/ha while topdressing the maize crop. CAN contains $21 \% \mathrm{~N}$. calculate the amount of Nitrogen applied? ( 4 mks )
7. Complete the table using the part for the vegetative propagation or giving relevant example. (4mks)

| Bulbils | $25^{5}$ | Tea plant |
| :--- | :--- | :--- |
| Crowns | $2 ?^{5}$ |  |
|  | Sweet potatoes |  |

8. Given that maizeis planted at a spacing of $80 \mathrm{~cm} \times 25 \mathrm{~cm}$, calculate the plant population in ahectare of land if two seedsmaize planted per hole. ( 4 mks )
9. Give the meaning of the term 'seed rate' as used in crop production. (1mk)
b. Outline six factors that should be consider e.g when determining the seed rate for a given crop. (3mks)
10. State four disadvantages of using vegetative materials for planting.
11. Identify four methods of breaking seed dormancy.
12. Name four advantages of row planting.
13.The diagram below shows the methods of soil sampling. Study and identify the two methods.

