

GATITU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU.

FORM 3 AGRICULTURE. END OF TERM I EXAMINATION. 2015

NAME: _____ CLASS: _____ ADM: _____

1. Name an exotic dairy cattle breed that produces milk with (2mks)

A) Highest butter fat

b) Lowest butter fat.

2. State four effects of soil organisms that are beneficial to crops (4mks)

i)

ii)

iii)

iv)

3. Name four characteristics of crops for green manuring. (4mks)

i)

ii)

iii)

iv)

4. Outline four practices carried on the farm to improve soil structure. (4mks)

i)

ii)

iii)

iv)

5. State three deficiency symptoms of phosphorus in crops. (3mks)

i)

ii)

iii)

6. Give four reasons for castrating male piglets (4mks)

i)

ii)

iii)

iv)

7. Name three qualities of creep feed ^{that} make it suitable for calves. (3mks)

i)

ii)

iii)

iv)

8. Give three reasons why it is necessary to place sugar syrup close to a bee hive. (3mk)

i)

ii)

ii)

9. State three ways by which pruning helps to control diseases in tomatoes. (3mks)

i)

ii)

iii)

iv)

10. Give four reasons why use of fire is discouraged during land preparation. (4mks

i)

ii)

iii)

iv)

11. Give four reasons for secondary cultivation. (4mks

i)

ii)

iii)

iv)

12. Outline four benefits of minimum tillage in crop production. (4mks

i)

ii)

iii)

iv)

13. State one use of each of the following tools. (2mks

a) Sickle

b) Secateurs

14. State four factors that are considered when selecting garden tools for primary cultivation (4mks

i)

ii)

iii)

iv)

15. A farmer planted maize at a spacing of 100cm x 50cm. on a one hectare plot. Calculate the plant population.
(2mks)

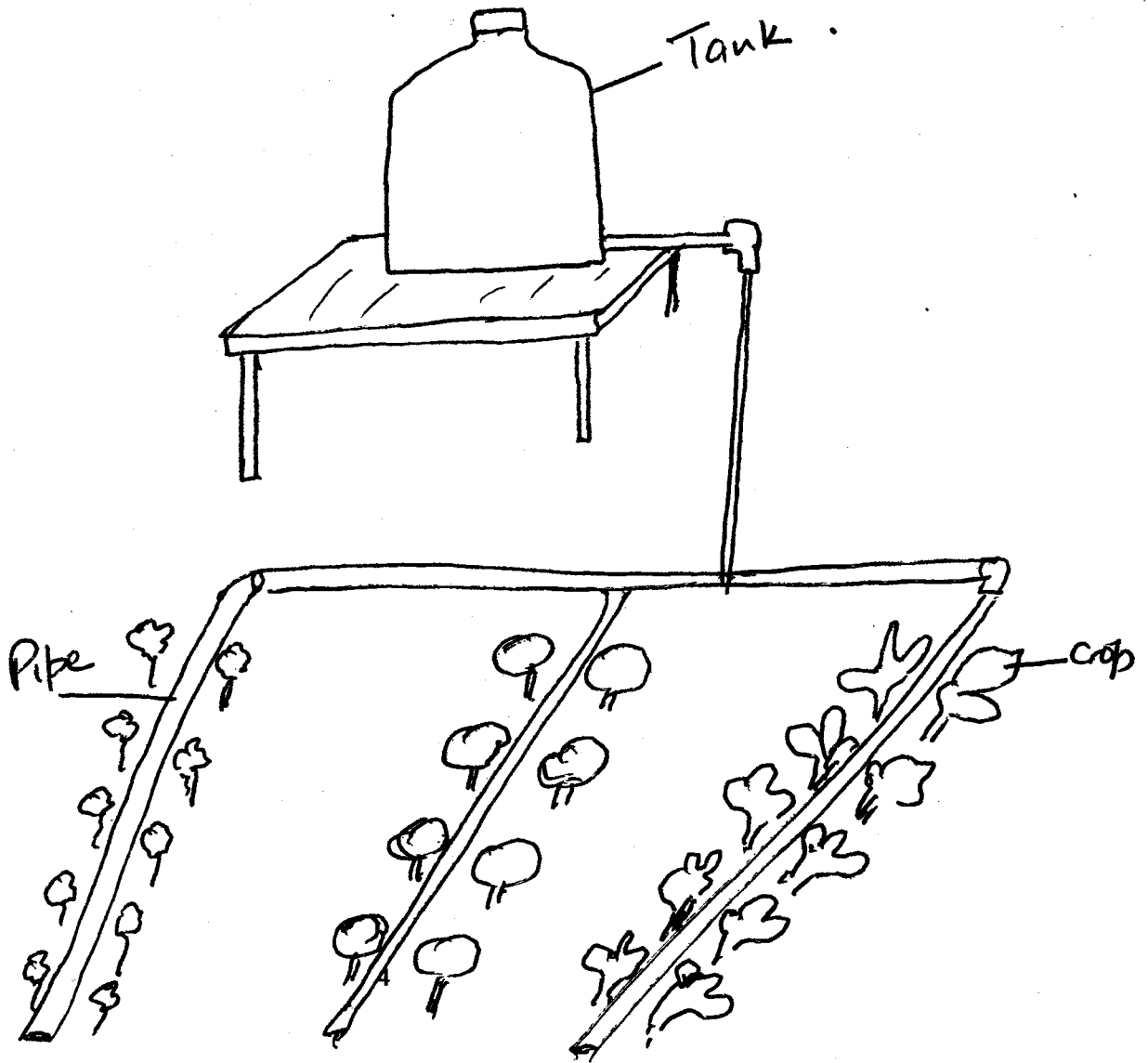
16. Name two methods of determining soil PH

(2mks)

i)

ii)

17. The diagram below represents a method of irrigation.



a) Identify the method of irrigation

(1mk)

b) Name two advantages of the above method of irrigation.

(2mks)

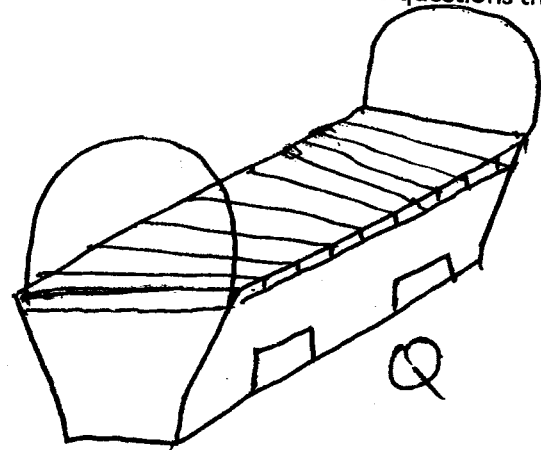
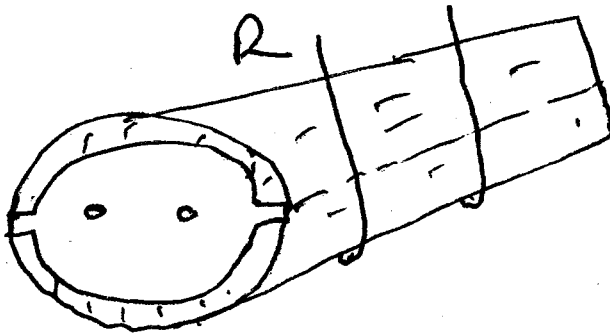
i)

ii)

c) Name any other one way the above method of irrigation can be achieved.

(1mk)

18. The diagrams below represents two type of hives. Study them and answer the questions that follow.



a) Identify the two types of hives R and Q

(2mks)

R

Q

b) Give four advantages of hive Q over hive R

(1mk)

i)

ii)

iii)

iv)

