## PERFECT STEPS PUBLISHERS

END TERM EXAMS 2015

**0721 745374/ 0721 707626 NAIROBI**

**NAME..............................................................................................ADM........................................**

**AGRICULTURE EXAMINATION FORM TWO**

***Section A 40 marks Answer all the questions in this section in the spaces provided***

1. Define the following terms as used in livestock health

i.Disease. .....................................................................................................................1mk

ii)Health................................................................................................................1mk

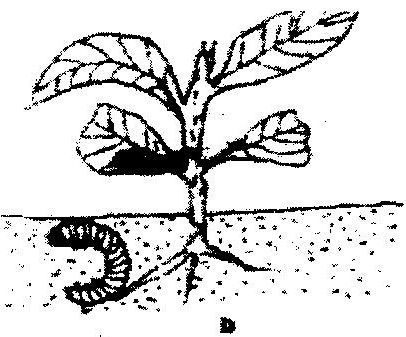
2.State four advantages of keeping a herd of dairy cattle healthy.

......................................................................................................................................................................................................................................................................................................................................................................................................................................3mks

3.Give two causes of blossom end rot in tomatoes. ................................................................................................................................................................................................................................................................................................................................................. **2mks**

4.State two methods of controlling blossom end rot in tomatoes. ..................................................................................................................................................................................................................................................................................................................................................................................................................................... **2mks**

5 The diagram labeled D below shows a Kale crop infested by a pest



i Identify the pest.

..................................................................................................................................**2mks**

ii What damage does the pest cause the crop?

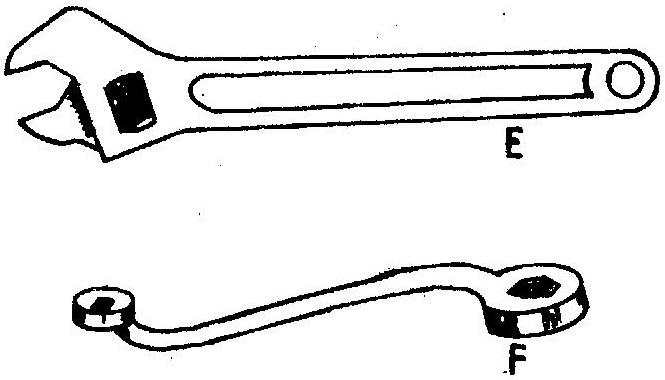
.............................................................................................................................................................................................................................................................................................. **1mk**

iii State two methods of controlling the pest ...........................................................................................................................................

......................................................................................................................................**2mks**

6) Give four the major features of exotic beef breeds .....................................................................................................................................................................................................................................................................................................................................................................................................................................................4mks

1. Study the diagrams of workshop tools shown below



(i) Identify the tools labeled E and F  **(2mk)**

E \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii) What functional advantage does tool E have over tool F?

....................................................................................................................................2mk

1. State three reasons why water should be treated in the farm

..........................................................................................................................................................................................................................................................................................................................**(3mks)**

1. State four types of pumps used in the farm

.............................................................................................................................................................................................................................................................................................................................................................................................................................................................................................**(4mks)**

1. Study the table below and fill in the missing words

|  |  |
| --- | --- |
| *Description* | *Planting material* |
| Banana |  |
| Pine apple |  |
|  | Vine |

**2mks**

1. Name two crop production practices carried after planting to achieve optimum plant

Population.

**.............................................................................................................................................................................................................................................................................(2mks)**

1. Give the three main methods of conveying water within the farm **.............................................................................................................................................................................................................................................................................**(**3mks)**
2. State two methods of storing water on a farm. **.....................................................................................................................................................** (**2mks)**
3. State two ways of overcoming the problem of water logging in crop production......................................................................................................................................................................................................................................................................(**2mks)**
4. State four methods of treating water for domestic use.

.............................................................................................................................................................................................................................................................................(**4mks)**

1. Name four types of water pumps which can be used in the farm. ............................................................................................................................................................................................................................................................................ (**2mks)**
2. Give four reasons why it is advantageous to use organic manure instead of straight fertilizer

...................................................................................................................................................................................................................................................................................................................................... (**4mks)**

1. State four harmful effect of parasite to livestock. .................................................................................................................................................................................................................................................................................................................................................................................................................. (**4mks)**
2. a) State four ways by which plant nutrients may be lost from the soil.

.................................................................................................................................................................................................................................................................................................................................................................................................. (4mks)

b)Define soil fertility ....................................1mk

c) List the major characteristics of a fertile soil (4mks)

1. Differentiate between macro – nutrients and micro – nutrients

.............................................................................................................................................................................................................................................................................(**2mks)**

1. State four functions of Calcium in plant growth and development .............................................................................................................................................................................................................................................................................(**2mks)**
2. Calculate the plant population per hectares of a maize crop planted at a spacing of 100cm x 50cm. Show your working

**(4mks)**

1. Name two crop production practices carried after planting to achieve optimum plant population.......................................................................................................................2mks
2. State five general measures which can be used to control livestock diseases.

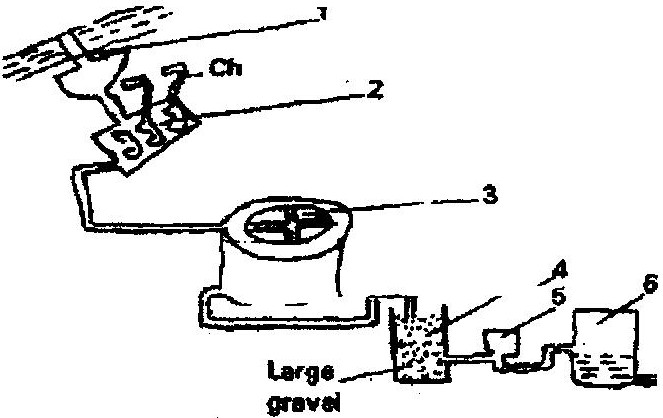
.................................................................................................................................................................................................................................................................................................................**(5mks)**.

**SECTION B 20 *MARKS* *ANSWER ONE QUESTION ONLY FROM THIS SECTION IN THE SPACES PROVIDED***

1. State and explain biotic factors which affect both livestock production and crop production in kenya.

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**26.** Study the illustration below carefully and answer the questions which follow River.



a) Explain part 1- 5 ......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

10mks

b) Describe advantages of practicing rotational cropping.

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