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Nairobi

## END OF YEAR EXAMS 2015

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

AGRICULTURE EXAMINATION FORM ONE

Section A (60 marks)

*Answer all the questions in this section in the spaces provided*

1. State three advantages of drip irrigation

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1. State four advantages of adding organic manure to a sandy ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................(2mks)
2. What is plantation farming system?

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4.State the main characteristics of organic farming. ..................................................................................................................................................................................................................................................................................................................................................2mks

5.Distinguish between olericulture and pomoculture

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6.State four reasons why agriculture is important to Kenya’s economy

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7.List four climatic factors that affect crop distribution in Kenya

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8)Give two roles of macro-organisms in the soil that are beneficial to crops

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9)(a) State three properties of soil that are influenced by its texture.

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(b) Define the term soil structure

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10)(a) List down the four aspects of rainfall that affect agriculture.

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 b.State two causes of hard pan.

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11) Give one use of each of the following hammers;

 Ball pein hammer

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Sledge hammer

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12)State two maintenance practices that should be carried out on a wheelbarrow

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13)The diagram below shows a farm equipment. Study it and answer the

 questions that follow

i Identify the equipment.......................................................................................................1mk

ii) Name the parts labeled

R,...................................................................................................................................1mk

S,.....................................................................................................................................1mk

T....................................................................................................................................1mk

U......................................................................................................................................1mk

14 (a) State four reasons why use of fire in clearing land is discouraged.

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 (b) Outline three reasons why secondary tillage is carried out during land preparation

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( c) State four main benefits of minimum tillage

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(d) Give three maintenance practices carried on an ox – plough.

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(e) Give four farming practices that may help in achieving minimum tillage.

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15) State four methods used to maintain soil fertility

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16 State two methods used in preventing water pollution.

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

19 Diagrams M, N, P and Q represents some farm tools.



i) Identify the tools; M,N,P and Q.

 M............................................N.........................................P............................................Q...............

 (4mks)

ii) Give the use of each of the tools named above.

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iii) State two maintenance practices that should be carried out on tool M.

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20 a)State four reasons why land preparation should be done before planting ..............................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................4mks

 b) State factors which determine number of times secondary cultivation is done.

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c) Define the term rolling as used in agriculture

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**SECTION C ( 20 MARKS) *Attempt one Question only from this section***

21 a) Describe five human factors which affect agriculture

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b) State factors considered when choosing method to use in surface irrigation.

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c) outline importance of record keeping

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22 a) Describe five main characteristics of indigenous cattle (*Bos indicus)* ..............................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

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 b) Describe importance of drainage as a method of land reclamation. ..............................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................10mks

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