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Nairobi

## END OF YEAR EXAMS 2015

**AGRICULTURE EXAMINATION FORM ONE**

**Marking Scheme**

1 less water used

 Water under low pressure used

 Discourage fungal disease

 Discourages growth of weeds

2 binds soil particles together

 Increase water retention capacity

3 Large scale farming characterized by growing of one crop only.

4 No use of agrochemicals

 Use of organic manure

5 Growing of vegitables

 Growing of fruits

6 source of food

 Source of employment

 Source of income

 Source of raw materials

 Source of market fo industrial goods

7 Wind

 Rainfall

 light

 humidity

8 Aeration

 Adds organic matter

 Mix soil

9 Aeration

 Water holding capacity

 Physical appearance of soil according to the way soil particles are arranged or according to

 Aggregation.

10 Reliability

 Amount of rainfall

 Distribution

 Intensity

 Form

11 Working on soil when it is too wet

 Continuous use of heavy machinery

 Minimum tillage

12 Riveting

 Straightening/ flattening metal bars

13 lubrcating wheel axle

 Cleaning after use

14 Stir up pump *rej knapsack*

 Handle

 Lance

 nozzle

 trigger

15a) kill soil living organisms

 Raise PH

 Destroy soil structure

 Can spread to other farms

 b) Remove weeds which germinate after primary tillage

 Break soli cloids

 c) Reduce cost

 Control soil erosion

 conserve moisture

 maintain soil structure

 d) cleaning after use

 e) use of herbicides

 timely cultivation

 conservation agriculture

 use of cover crop

 uprooting or slashing

16. use of organic manure

 Crop rotation

 Control soil PH

 Proper drainage

 Weed control

18 Avoid cultivation along river banks

 Proper disposal of empty chemical containers

19.M sickle ................

N pruning saw.............

p steel float..............

Q masonTrowel.

Harvesting cereals/cutting back pyrethrum.

Prunining hard branches

Plastering

Applying mortar

Sharpening

Clean after use

During Long storage oil

20 a) kill weeds

 kill pest

 increase aeration

 facilitate water infiltration

 b) size of planting material

 slope of land

 moisture content

 condition of soil after primary cultivation

 c) Compacting loose soil to prevent small seeds from being blown by wind

 21 a) Level of education

 Health and HIV and health in general

 Economy government policy transport and communication

 Cultural practices and religious belief

 Market forces

b) Topography

 amount of water

 soil type

c) Help to compare performance of different enteprices

 show history of the farm

 show wheather farm is making profit or loss

 support insurance claims

 provide labour information

22 a) have hump

 tolerate high temperature

 resistant to tropical diseases

 long calving interval

 walk for long distances

 low production of meat and milk

b) increase aeration

 increase soil volume

 raise soil temperature

 increase microbial activities

 reduce soil erosion

 remove toxic substances

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