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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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