

AGRICULTURE FORM 2
TERM 1 2025
OPENER EXAMINATION
MARKING SCHEME

1. List four methods of farming (4mks)
- ★ Mixed farming
 - ★ Nomadic Pastoralism
 - ★ Shifting cultivation
 - ★ Organic farming
 - ★ Agro-forestry
2. Name three underground water sources on the farms (3mks)
- ★ Springs
 - ★ Wells
 - ★ Boreholes
3. State four aspects of rainfall that a crop farmer should consider when choosing what to grow in certain regions. (4mks)
- ★ Reliability
 - ★ Amount
 - ★ Distribution
 - ★ Intensity
4. Name three surface irrigation methods (3mks)
- Flood irrigation

- Furrow irrigation

- Basin irrigation

5. a. State three benefits of rolling as a tertiary operation in seed bed preparation. (3mks)

- ★ It increases seed-soil contact
- ★ prevents wind erosion

b. State three methods of land clearing. (3mks)

- Tree felling

- Burning

- Slashing

- Use of chemicals

- Removal of stumps

- Removal of trash

6. State three types of spanners that can be found in a farm. (3mks)

- ★ Ring spanner
- ★ Open ended
- ★ Adjustable spanner

7. State four dairy goats that are kept in farms. (4mks)

- ★ Saanen
- ★ Toggenberg
- ★ British alpine

★ Jamnapari

8. Name the appropriate tool for the following uses.

i. Cutting thin sheets of metal when constructing a farm structure (1mk)

✓ Tinsnips

ii. Measuring length of timber when constructing (1mk)

✓ Tape measure

9. State four practices on the farm that makes agriculture to be viewed as an art. (4mks)

Tillage of land

Construction of farm structures

Measuring distances

Machine operations

Harvesting of crops

Feeding and handling animals.

Marketing of agricultural products

10. Name the branch of horticulture involved in the production of the following crops

i. Cabbages _ OLERICULTURE (1mk)

ii. Avocado _pomology (1mk)

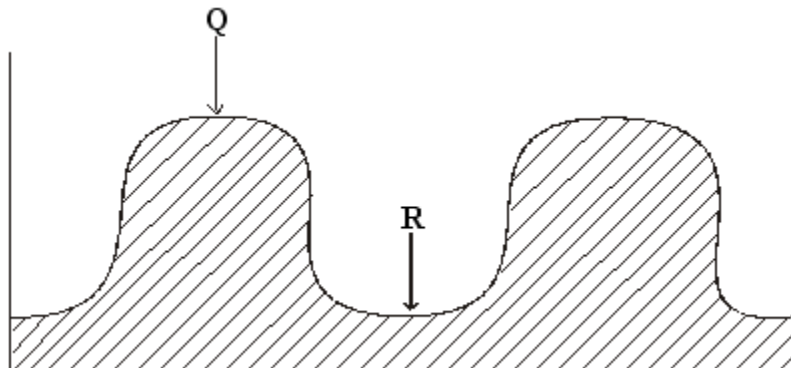
11. State three factors influencing soil formation (3mks)

- ✓ Climate
- ✓ Time
- ✓ Topography
- ✓ Living organisms

12. State two advantages of mixed farming (2mks)

- It is a method of diversification i.e. if one enterprise fail, the farmer can benefit from the other.
- There are mutual benefits between the crops and livestock and they later provide farmyard manure for the crops.

13. Below is a land preparation operation. Study it and answer the questions that follow.



a) Identify the operation. (1mk)

Ridging

b) Name the parts Q and R. (1mk)

Q-Ridge
R-Furrow

c) Name one crop that can be planted in part labeled R.(1mk)

✓ Sugarcane

d) What is the advantage of planting the crop named in (c) above in the part labeled R. (1mk)

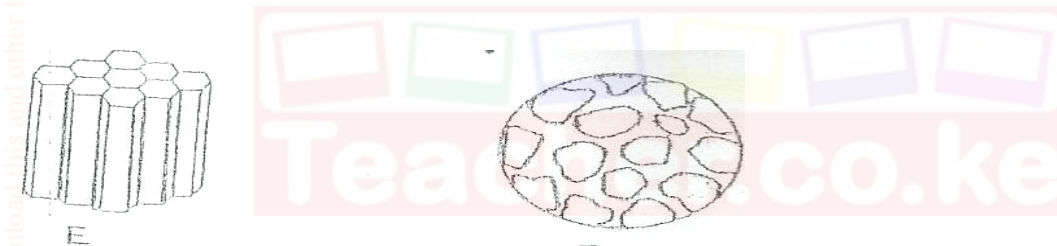
✓ Soil and water conservation

14.Name two types of inventory records . (1mk)

✓ Consumable good inventory records

✓ Permanent good inventory records

15. Use the diagram below to answer the questions that follow



a) Identify each of the soil structures labeled E and F (1mark)

E-prismatic

F-single grained

b) Give one place where the soil structure labeled F can be found. (1mark)

✓ Top soil of sandy soils, arid climates and alkaline soils.

c) State three ways in which a farmer can improve the structure of waterlogged

clay soil.

(3marks).

✓ Drainage

✓ Liming

✓ Organic manure