

CENTRAL WEST EDUCATION DIVISION



2025 MALAWI SCHOOL CERTIFICATE OF EDUCATION

MOCK EXAMINATIONS

AGRICULTURE

PAPER I

Monday, 31 March

(100 Marks)

Subject Number: M012/I

Marking key

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- b. - lack of capital
 - Disloyalty among members
 - Political interference
 - Lack of management skills
 - Lack of storage facilities

(2 marks for any two points)

5.a. -thatching grass

- rapoko grass
- cat's tail grass

(2 marks for any 2)

b. -watering

- mulching
- weeding
- fertilizer application

(2 marks for any 2 points)

c. -it ensures availability of fresh fruits

- consumers buy the mangoes at a cheaper price
- helps to avoid rotting of the mango fruits.

(2 marks for any 2 points)

6. a. inventory record

(1 mark)

b. i. Annual depreciation = cost of item – salvage value

Life span

$$= \text{K } 350,000 - \text{K } 50,000$$

(1 mark)

5 years

$$= \text{K}60,000$$

(1 mark)

(Total marks 2)

ii. Value of machinery in 2024

$$\text{In 2023 value} = \text{K } 350,000 - \text{K } 60,000$$

(1 mark)

$$= \text{K } 290,000$$

(1 mark)

$$\text{In 2024} = \text{K}290,000 - \text{K } 60,000$$

(1 mark)

$$= \text{K } 230,000$$

(1 mark)

7. a. -Rotational grazing.

(1 mark)

b. -It helps to break the life cycle of the ticks / by depriving them of their hosts. (1/1)

(2 marks)

c. -It requires a lot of land / which most farmers do not have.

-It requires fencing / which can be expensive to most smallholder farmers. (2 marks for 1 point)

d. -Fruits can be sold / to earn income

-Fruits are sold to outside countries / to earn forex.

(2 marks for any 1 point)

8. a. the practice of removing excess water from the land.

(1 mark)

b. -should be away from livestock kraals or / rubbish pits to avoid attracting flies

(1/1)

-Should be near market / in order to sell fast as they are perishable

-Be near clean water / to avoid contamination

-Must be near the dense forest / for easy availability of growing material

-Be free from pests / to avoid destruction of mushroom

(2 marks for any one point)



- c. - Breeding
- Selection
- Introduction

(2 marks for any two points)

9. a. i. - Foot rot (1 mark)

ii.- Bacteria (1 mark)

iii.- foot examination

- hoof trimming

- isolation

- avoid grazing In muddy lands

(2 marks for any 2 points)

b. i. - alternating maize with cover crop like beans / ensures that the soil is properly covered, this minimizes run off. (1/1)

- alternating other crops with cassava / ensures that the soil particles are properly bound. (1/1)

(2 marks for any one point)

ii. - the crops belong to different families and alternating them / helps to break the up the life cycle of crop pests and diseases. (1/1) (2 marks for a point)

10. a. - improve transport infrastructure for easy movement

- Improve communication facilities for easy access to market information

- Promote national security

- Remove surtax on agricultural commodities

(2 marks for any two points)

b. - providing adequate education to women ⁽¹⁾/ to enable them have knowledge in taking care of livestock⁽¹⁾

- developing documentaries of successful women in livestock production⁽¹⁾/ so that other women develop confidence that they can start raising livestock.⁽¹⁾

- reducing women work burden⁽¹⁾/ so that they have enough time learning what is involved in livestock production⁽¹⁾ (1/1)

(2 marks for any 1 point)

SECTION B

11. - protecting the soil from rain drop impact /thus preventing soil erosion

- Provide humus after decomposition / to improve soil structure/or this conserves moisture

- Prevents the multiplication of dangerous weeds / by smothering them

- Helps to prevent overheating of the soil / therefore modifying soil temperature

- Helps reduce evaporation / therefore conserves moisture to be used in dry spells

- Decomposition of the mulch adds to soil fertility / to promote fast plant growth and scape dry spells

(1/1)

(2 marks for each point)

Total marks 10.



12.- Development of high yielding varieties / enable farmers to produce more yields

- Use of farm machinery enable farmers to cultivate more land /or do farm operations fast and efficiently / therefore harvest more yields
- Irrigation farming enables farmers to cultivate / more than once hence more food available
- Pesticides prevent crop damage and / ensures availability of more food
- Conservation agriculture helps to maintain soil fertility / and moisture to ensure high crop yields
- Good animal husbandry practices lead to high production / this ensures availability of animal products to meet people's needs
- Good storage facilities avoid food spoilage / to ensure that more food is available

(1/1)

(2 marks for each point)

Total marks 10.

13. – Farmers should establish furrow irrigation systems/ in which water flows to the farms through gravity

- Farmers should use unskilled labour / in opening up and maintaining the canals.
- Farmers should consult an irrigation officer/ on the best way to establish an irrigation scheme.
- Farmers should use hoes, axes from local organisation/ to construct and maintain canals
- Farmers should use the dam/ as a main source of water for irrigation.
- Farmers should construct the water channels in clay soils/ to reduce infiltration /loss of water through infiltration.

2 marks for each point

10 marks for any 5 points.

End of marking key

