

NAME _____ CLS _____ ADM _____

FORM FOUR AGRICULTURE.

TERM 2 2025 MID TERM EXAM

TIME: 1 HOUR.

ANSWER ALL THE QUESTIONS IN THE SPACES PROVIDED

1. (a) What is a weed? (1 mark)

A weed is any plant growing where it is not required and whose economic disadvantage outweigh the advantages.

(b) Highlight **three** harmful effects of weeds. (3 marks)

1. Complete with crops for nutrients.

2. Some are parasitic to crops e.g. striges

3. Some lower the qualities of Agricultural produce.

4. Some are poisonous to man and livestock.

5. Some act as alternate hosts for insect, pests or disease.

6. Some act as alternate hosts for insect pests or diseases.

7. Some block irrigation channels

8. Some affect fishing.

9. Lower quality of pasture.

10. Some irritate

2. List **three** disadvantages of using herbicides. (3 marks)

a. Required skilled labour

b. There are many risks to the environment.

c. Some herbicides have long residual affect.

3. Name **four** symptoms of viral infections in plants. (4 marks)

-Leaf chlorosis

- Leaf curling

- Mosaics
- Malformation
- Rosetting

4. Why is it not recommended to use sisal bags in handling cotton? (2 marks)

- **Their fibers may mix with the seed cotton thus creating problems during ginning.**

5. Highlight the precautions in harvesting the following crops.

(a) Cotton. (2 marks)

- No foreign matters
- Do not pick cotton when wet
- Sisal bags should not be used.

(b) Pyrethrum. (2 marks)

- Flowers should not to be used.
- Polythene/Tins should not be used.
- Wets flowers should not be used.
- Flowers should not be compacted.

(c) Tea. (2 marks)

- Leaves should not be compressed.
- Plucked tea must be kept cool and shaded
- Should be taken to the factory the same day.

6. (a) Name any **four** poultry rearing systems. (4 marks)

- Free range
- Fold system
- Deep litter
- Battery cage

(b) State **four** signs of broodiness in poultry.

(4 marks)

- **Continuous staying of the hen in laying nest**
- **Hen stops laying**
- **Hen becomes aggressive and produces a characteristic sound.**
- **Hen plucks off her feathers**

7. State **five** uses of a crush.

(5 marks)

- **Spraying livestock against external parasite.**
- **Identification.**
- **Vaccination**
- **Administering prophylactic drugs**
- **Dehorning**
- **Treating sick animals**
- **Pregnancy testing**
- **A.I.**
- **Taking body temperature**
- **Hoof trimming**
- **Milking**

8. Give **one** function of isthmus in female birds.

(1 mark)

- **Shell membrane added.**
- **Water, mineral salts and vitamins added.**

9. Describe the preparation of the following:

(a) Farm yard manure.

(5 marks)

- **Suitable bedding materials is provided in the animals living areas.**
- **Material is given time to mix with dung and urine.**

-Material is removed after about 6 months and stored under a roof for complete decomposition.

(b) Hay.

(5 marks)

- Cut the forage when 50% of the plants have flowered.
- Dry the crop for 2-3 days by spreading on the ground.
- Dry to a moisture content of 15-20%.
- Drying can be done on tripod or single frame pole under controlled conditions.
- Gather under a shade.

10. (a) Highlight **four** ways through which pests can be controlled in the farm. (4 marks)

- Legislative method
- Physical method
- Cultural method
- Chemical control

(b) Give **three** examples of pests that affect bees.

(3 marks)

- Ants
- Wax moth
- Bee loose
- Honey badger