**AGRICULTURE FORM FOUR MS**

1. Define the term broodiness. 1mk

This is the desire of a hen to sit on eggs forincubation

2. Mention five factors that lead to egg eating. 5mks

- Presence of broken or soft - shelled eggs.

Bright light in the nests.

Idleness.

Inadequate laying nests.

Lack of minerals e.g. Calcium in the diet.

3. Give five factors that can cause stress in birds. 5mks

Sudden change in feed.

Presence of strangers and predators.

Handling of birds e.g. During vaccination etc.

Sudden noise.

Sudden change of weather.

Diseases and parasites infestation.

Lack of food or water.

4. Outline five control measures of cannibalism. 5mks

Avoid bright light in the house.

Avoid overcrowding/provide enough space.

Provide birds with a balanced diet.

Keep birds according to age groups.

Control external parasites.

Keep birds busy by hanging green leaves in thehouse.

Debeak hens which peck others.

Cull perpetual cannibals.

5. List the disadvantages of the fold system. 4mks

- Few birds are kept per fold.

- It is laborious since folds need to be moved.

Difficult to keep individual egg production.

The fold is not long lasting.

6. List five routine management practices carried out inpoultry. 5mks

- Feeding.

Control oi diseases and parasites.

- Egg collection.

- Debeaking.

- Culling.

7. Mention five factors that should be considered whensorting and grading eggs for marketing. 5mks

- Cleanliness

- Size of the egg

Candling quality

- Egg colours.

8. Outline ten differences between a good and poor layer.lO mks

Combs and wattles are

large, warm, waxy and

red

Eyes are bright orange

and alert

Beak is pale

Vent is oval, moist,

reddish and active

Space between keel and

pelvic bone is wide (3-4

fingers can fit)

Alert and active

Dry and rugged plumage

Moulting starts late

Shanks are pale

Abdomen is soft, pliable

and wide

Broodiness is rare.

- Cleanliness

- Size of the egg

Candling quality

- Egg colours.

Poor layer

Combs and wattles are

small/shrunken, dry, scaly,

pale and cold.

Eyes are dull and pale yellow.

Beak is yellowish in colour.

Vent is round, dry and less

active.

Space between keel and

pelvic bone is narrow (1-2

fingers fit)

Lazy and dull

Preened and glossy plumage

Moulting starts early.

Shanks are yellowish.

Abdomen is hard and

sometimes full.

Broodiness is common.

9. Give five factors that necessitate culling of birds. 5mks

- Poor/stunted growth.

Chronic diseases/injuries.

Old age

- Vice.

- Poor layers.

10. List nine characteristics of eggs for incubation. 9mks

- Should be fertilized

- Should be of medium size (55-60gm)

Have smooth shells.

- Oval in shape

- Free from any cracks on the shells.

- Clean to ensure pores are open.

- No abnormalities e.g. meat spots, blood spots or

double yolk.

- Should be fresh (collected within one week)

- Should not be stored for more than 8 - 1 0 days