

NAME _____ TARGET _____

JITEGEMEA HIGH SCHOOL

AGRICULTURE

FORM 4

CAT II – TERM 1 2017

1. a) What is incubation 1mk

- b) State four characteristics of an egg selected for incubation 2mks

- c) State four disadvantages of natural incubation 2mks

2. Differentiate between cannibalism and egg eating 1mk

3. State four importance of egg candling 2mks

4. State four importance of battery cage system as a method of rearing chicken 2mk

5. Explain management practices carried out on one day old chicks to 8wks 5mks

6. a) Give two types of calf pens 1mk

b) Explain six requirements of constructing a calf pen

3mks

7. Explain three qualities that make colostrum suitable for newly born calves

3mks

8. What is milk let down

1mk

9. Which hormone stimulates milk let down

1mk

10. Explain four factors that affect milk composition

4mks

11. Explain the following engine sequences in four stroke system
- a) Compression stroke 2mks

 - b) Power stroke 2mks
12. State two attachment methods of the tractor implements 1mks
13. Explain four care and maintenance practices of a tractor Battery 4mks
14. Give four differences between diesel and petrol engine systems 4mks

15. a) State four short term services of a tractor

4mks

b) Name two systems of a tractor

2mks

16. An animal is a source of power at the farm level. State three disadvantages of this source of power.

3mks