**LIVESTOCK PRODUCTION III**

**(LIVESTOCK REARING PRACTICES)**

This topic entails the following:

* Raising young stock
* Milk and milk components
* Milk secretion and milk let-down
* Correct milking techniques
* Marketing of milk and beef.

 The following relevant questions and their answers in this topic will greatly motivate and help

 the user to comprehend and understand the required concepts and practices:

1. What is “**calf crop**” in beef production?

2. a) Describe the procedure of hand milking in a dairy cow

 b) Explain the practices observed in clean milk production

3. Give **two** reasons for washing a cow’s udder with warm water before milking

4. Give **two** roles of uterus in egg formation process

5. The diagram below is a structure of part of a cow’s udder

**O**

 (i) Name the parts labeled **M, N,** and **O** on the diagram above

(ii) State the functional difference between the following hormones which influence milk

 let-down;

 (a) (i) Oxytoxin

 (ii) Adrenalin

 (b) Mention **three** qualities of clean milk

6. Give **four** characteristics of clean milk

7. State **three** maintenance practices carried out on a milking machine

8. State **four** reasons for feeding Colostrums to calves immediately after calving

9. Give **three** ways of stimulating milk let down in a dairy cow

10. a) Describe the operational differences of a disc plough and mould board plough

 b) Explain **six** marketing problems affecting dairy farming in Kenya

 c) State **four** reasons for culling a boar

11. List **three** advantage of artificial method of calf rearing

12. State **three** methods that may be used to improve milk production in a breed

 of indigenous goats

13. (a) Outline **ten** physical characteristics between a good layer and a poor layer in a deep

 litter house

 (b) Describe **five** factors that influence milk production in a dairy herd

14. a) State **two** reasons for washing the udder of a cow with warm water before milking.

b) Name the hormone that causes each of the following in dairy cows:.

 i) milk letdown.

 ii) lactogenesis

15. State **four** methods of increasing the depth of penetration of a disc harrow.

16. List **four** farm machines implements that obtain power from P.T.O shaft of a tractor

17. List **two** tractor drawn implements used for breaking hardpan in a crop field

18. State any **three** machines which are used for harvesting crops

19. a) describe the daily maintance and servicing of a tractor before use

 b) State **one** function of each of the following parts of a tractor engine.

 i) Fly wheel

 ii) Ignition coil

 iii) Thermostat

 iv) Injector

 v) Piston