

Mid Term III Examination-2019

S.3 Agriculture

Time: 2hrs

INSTRUCTIONS

Section A is compulsory. Answer by filling in the blank spaces

Attempt ONLY one question from section B

SECTION A

1a) Define the following terms as used in cattle grazing

i) Night paddocking (2mks)

.....
.....

ii) stocking rate (2mks)

.....
.....

iii) carrying capacity (2mks)

.....
.....

b) outline any five problems of communal grazing (5mks)

i)

ii)

iii)

iv)

v)

2. a) Give one major reason for carrying out the following practices on a farm (5mks)

i) Branding

.....

ii) Grooming

.....

iii) Drenching

.....

iv) Culling

.....

v) Restraint

.....

b) outline any five characteristics of a good stockman (5mks)

i)

ii)

iii)

iv)

3a) outline the procedure followed when making hay in the farm (5mks)

i)

ii)

iii)

iv).....

v).....

b) state the factors that determine the quality of hay (5mks)

i).....

ii).....

iii).....

iv).....

v).....

4a) Give the importance of each of the following farm tools (5mks)

i)Thermometer

.....

ii) Trocar and canula

.....

iv) Syringe and needle

.....

v) strip cup

.....

vi) Drenching gun

.....

b) outline the various ways of maintaining the above farm tools

- i)
- ii)
- iii)
- iv)
- v)

SECTION B (Attempt one question)

- 5. a) *Explain the procedure of making silage(10mks)*
- b) *Give any five advantages of silage over hay (5mks)*
- 6. a) *Explain the advantages and disadvantages of zero grazing*
- i) *Advantages (5mks)*
- ii) *Disadvantages (5mks)*

END

- b) *Describe the general measures of pest control (14mks)*
- 5a) *outline the problems of weeds in crop production (10mks)*
- b) *what characteristics have made weeds more successful than crops? (10mks)*
- 6. *Describe the advantages of*

i) sexual propagation (10mks)

ii) Asexual propagation (10mks)

END