

FORAGE CROPS

KCSE QUICK REVISION

*Compilation of Possible Questions in Agriculture Likely to be
Examined in KCSE.*

*A Special Analysis of Prediction Questions that may be Tested in
KCSE from this Topic in Form 3.*

AGRICULTURE

SERIES 1

For Marking Schemes
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FORAGE CROPS

This topic entails the following:

- ✓ *Definition and classification of pasture crops.*
- ✓ *Identification of pasture crops*
- ✓ *Description of ecological requirements of forage crops*
- ✓ *Description of the establishment of pasture and fodder crops*
- ✓ *Description of forage utilization and conservation.*
- ✓ *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.State **three** factors which affects the quality of standing forage given to livestock

2. Explain Napier grass production under the following sub-headings

- i) Seedbed preparation
- ii) Planting
- iii) Fertilizer application
- iv) Weed control
- v) Utilization

3. Why is it necessary to allow freshly cut napier grass to wilt before ensiling

4. Describe the establishment of grass pasture from the time the land is ploughed using a mould board plough to the time the pasture is ready for grazing

5. State **two** causes of failure in pasture establishment

6. State **two** advantages of grass-legume mixture

7. List **four** factors that determine the quality of hay

8. i) Discuss the production of Guatemala grass (*Trypsacum Laxum*) under the following headings
- a) Ecological required
 - b) Land preparation
 - c) Planting
 - d) (i) Utilization and defoliation
- ii) Discuss **six** effects of late defoliation of fodder
9. Give **four** factors that determine the nutrient content in hay
10. (a) Describe the preparation of the following farm materials:-
- (i) Farm yard manure
 - (ii) Hay
- (b) Explain the factors considered in timely planting of annual crops
11. (a) What is topping in pasture management
- (b) State two methods used in topping in pasture management
12. Give **two** advantages of grass-legume pasture over pure grass pasture
13. State two advantages of establishing a mixed grass legume pasture instead of planting a pure grass pasture.
14. Give two disadvantages of overstocking in cattle production.
15. State two roles of additives in silage making.
16. a) Define the following term, (i) Under sowing (ii) Over sowing
- b) State three methods of controlling weeds in a pure grass pasture.
- c) Give three benefits of top dressing in the management of grass pastures.
17. State four ways by which a farmer can make efficient use of a pasture crop.
18. Give four factors that determined the nutrient content of hay.

- 19.** State four advantages of under sowing in pasture production
- 20.** Describe field production of Napier elephant grass under the following sub-headings.
 - i) Seedbed preparation
 - ii) Planting
 - iii) Fertilizer application
 - iv) Weed control
 - v) Utilization
- 21.**
 - (a) List three pasture legumes grown in medium altitude zones.
 - (b) Give three advantages of rotational grazing.
 - (c) State three ways by which overheating can be prevented in the process of making silage.
- 22.** State two advantages of proper stocking pasture management.
- 23.** Explain the following terms as used in pasture establishment.
 - a) Seed Inoculation
 - b) Over sowing

***FOR MARKING
SCHEMES/ANSWERS***

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- ✓ **TOP SCHOOLS MOCKS**
- ✓ **JOINT MOCKS**
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