**AGRICULTURE FORM 1**

**MID-TERM EXAM**

**TERM 1, 2024**

**MARKING SCHEME**

1 Agriculture comes from two Latin words, what do the words mean (2mks)

1. Ager-

**Field**

1. Cultura-

**Cultivation**

2. Define Agriculture (2mks)

**Art and science of crop and livestock production**

3. List four areas that make agriculture to be regarded as an art. (4mks)

 **Tilling of land.**

** Construction of farm structures.**

** Harvesting of crops.**

** Measuring of distance.**

** Machine operations.**

** Feeding and handling of animals.**

** Marketing of agricultural produce.**

**4.** State any 5 careers one can pursue through the study of Agriculture (5mks)

**Agric extension officer**

**Veterinary officer**

**Agriculture teacher**

**Crop pathologist**

**Florist**

**Fisherist**

**Soil Scientist**

**Farm manager**

**Agricultural engineer**

**Agricultural**

**OWTTE**

5. Name four main branches of agriculture. (4mks)

 **Crop production.**

** Livestock production.**

** Soil science.**

** Agricultural economics.**

** Agricultural engineering**.

6. Give the meaning of the following terms as used in agriculture. (3mks)

a) Crop pathology.

**Study of crop diseases and their control.**

b) Agricultural entomology.

**Study of insect pests and their control.**

c) Agricultural engineering.

**Deals with use and maintenance of farm tools, machinery and structures.**

7. Name three forms of horticulture practiced in Kenya. (3mks)

 **Olericulture.**

** Pomoculture.**

** Floriculture.**

8. Name four branches of livestock farming. (4mks)

 **Mammalian livestock farming.**

** Poultry rearing.**

** Bee keeping/Apiculture.**

** Fish farming/Aquaculture.**

9. What is a farming system? (1 Mk)

** Organisation of the farm and all the enterprises in relationships to each other.**

10. Name two main systems of Farming (2mks)

* **Extensive**
* **Intensive**

11 List two characteristics of extensive farming system. (2 mks)

 **Requires large tract of land.**

** Low capital investment.**

** Low labour per unit area.**

** Low yields per unit area.**

**12** Name two forms of large scale farming practiced in Kenya. (2mks)

** Plantation farming.**

** Ranching.**

13 Name four methods of farming. (4mks)

 **Mixed farming.**

** Nomadic pastoralism.**

** Shifting cultivation.**

** Organic farming.**

** Agroforestry.**

14 List three benefits of practicing mixed farming. (3 mks)

 **Mutual benefit between crops and livestock.**

** Acts as an insurance against total loss by the farmer.**

** Maximum utilization of resources.**

15 State three instances where shifting cultivation is applicable. (3mks)

 **Where land is communally owned.**

** In large tracts of land. Where population is scarce.**

** Where number of livestock per unit area is low.**

16 List two benefits of organic farming. (2mks)

 **Cheap and cost effective because locally available materials are used.**

** Useful in improving soil structure.**

** No environmental pollution.**

** The produce is chemical free.**

** The produce fetches high market price.**

17 Explain four contributions of agriculture to the economy of Kenya. (4mks)

 **Source of food. To meet the nutritional requirements and to enable man to engage in other activities.**

** Source of raw materials. For industries e.g. cotton lint for textile industry.**

** Source of market. For industrial goods e.g. farm tools and equipment, pesticides etc.**

** Source of income. Farmers as well as the government get revenue from the sale of agricultural produce and tax payment.**