**Name....................................................................Adm...........................................................**

**Class.....................................................................Sign.............................................................**

**AGRICULTURE FORM ONE**

 **TERM 1 2024**

**DURATION-2HRS**

 **Instructions**

* Write your name, class and admission number in the space provided above.
* Write the date of the examination and sign in the space provided above.
* Answer ***all*** the questions in the spaces provided.
* You may be *penalized* for wrong spelling especially technical terms.

**Instructions: Answer all questions in the spaces provided**

1. Give the meaning of the following words as used in agriculture (6mks)

1. Agriculture

1. Floriculture

1. Apiculture

2. Giving examples, explain why agriculture is both an art and science (6mks)

3. Why is agriculture very important to the economic development of Kenya (5mk)

4. Name and explain **four** methods of farming (8mks)

5. Give the difference between the following

1. Olericulture and pomology (2mks)

1. Intensive farming and extensive farming (2mks)

1. Pastoralism and aquaculture (2mks)

1. Plantation farming and ranching (2mks)

1. Small scale farming and large scale farming (2mks)

1. What are the advantages of shifting cultivation? (3mks)

1. a) What is soil profile? (2mks)

b) Below is a diagram of soil profile, label the parts A to D (4mks)

 

C

1. Name **four** aspects of rainfall that influence agriculture (4mks)

1. a) Name **four** factors that influence soil formation (4mks)

b) Name the **three** agents of weathering (3mks)

1. Name **four** biotic factors that influence agriculture (4mks)

1. State **four** effects of HIV/ AIDS on agriculture (4mks)

1. a) Give the meaning following terms as used in Agriculture (4mks)

|  |  |
| --- | --- |
| A | B |
| 1)Domestication |  |
| 2)Crop pathology |  |
| 3)Crop farming |  |
| 4)Agricultural engineering |  |

b) Name **five** constituents of soil (4mks)

1. State **three** roles of soil organic matter (3mks)

1. State **four** ways by which wind affects the growth of crops. (5mks)

1. State **four** roles of good soil aeration in crop growth. (4mks)

1. Outline **four** effects of soil organisms which benefit crop growth. (4mks)

1. Explain **five** ways on how government policy improves agricultural production (5mks)

1. State **four** disadvantages of pastoral nomadism system of farming. (4mks)