**GATITU MIXED SECONDARY SCHOOL**

**AGRICULTURE FORM 1 MID TERM EXAM TERM 2 2015**

1. Differentiate between the following terms as used in Agriculture:- 2mks

(a) Oleculture and floriculture

(b) Apiculture and aquaculture

2. State **three** reasons why organic farming is encouraged in farming 3mks

3. State **two** ways in which agriculture contributes to industrial development 2mks

4. State **four** ways by which wind affects the growth of crops 4mks

5. State **one** physical characteristic used in classifying soil 1mk

6. Outline **four** advantages of organic farming 4mks

7. List **three** environmental factors that affect crop distribution in Kenya 3mks

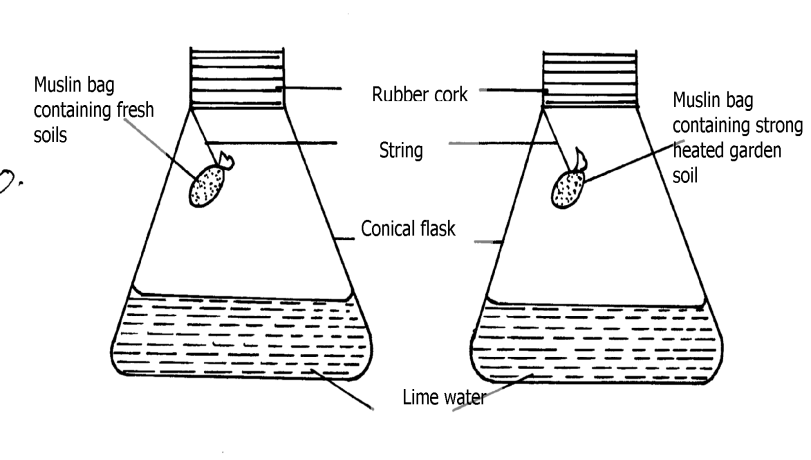
8. What are the **three** aspects of light that are important to a farmer? 3mks

9. The diagrams below show an experiment carried out by a form 1 class. Study them carefully and

answer questions that follow: 3mks

**E**

**D**



1. What was the aim of the experiment?

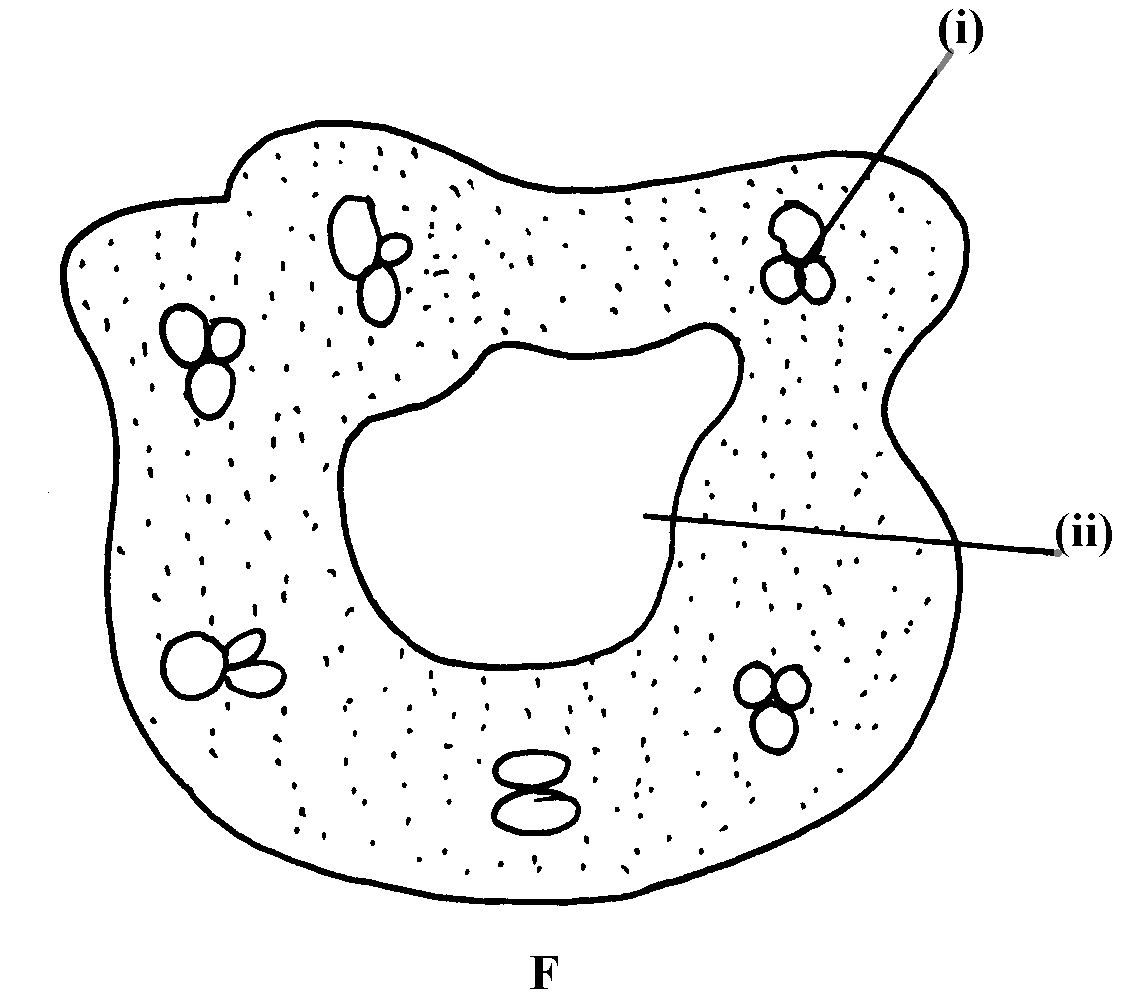
(b) What was the observation that form 1 students made at the end of the experiment in

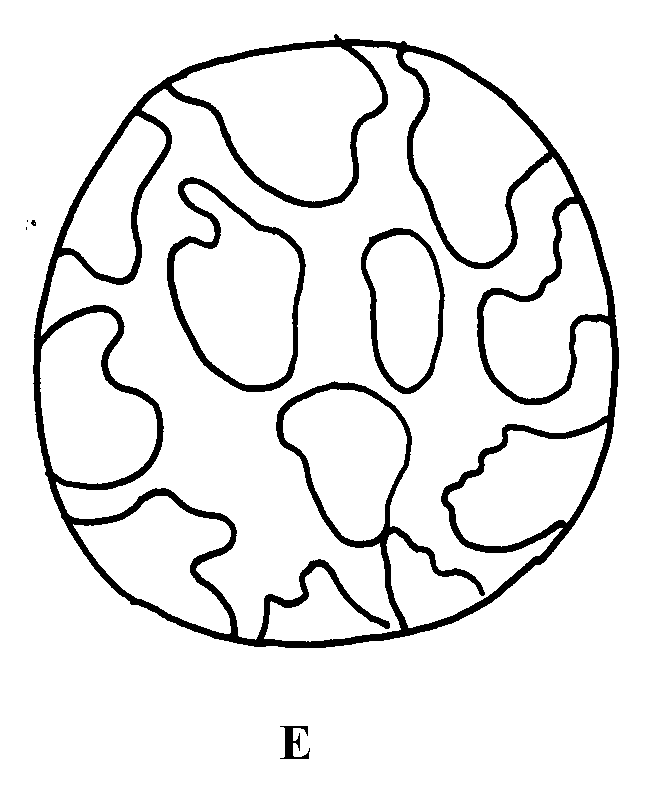
flasks **D** and **E?**

1. Give the reason for the observation made in flask **D**

10. Mention **four** ways of modifying soil temperature in crop production 4mks

11. What is the use of a garden fork? 1mk

12. The diagram labeled **E** and **F** below illustrates some type of soil structure. Study the diagrams carefully and answer the questions that follow:



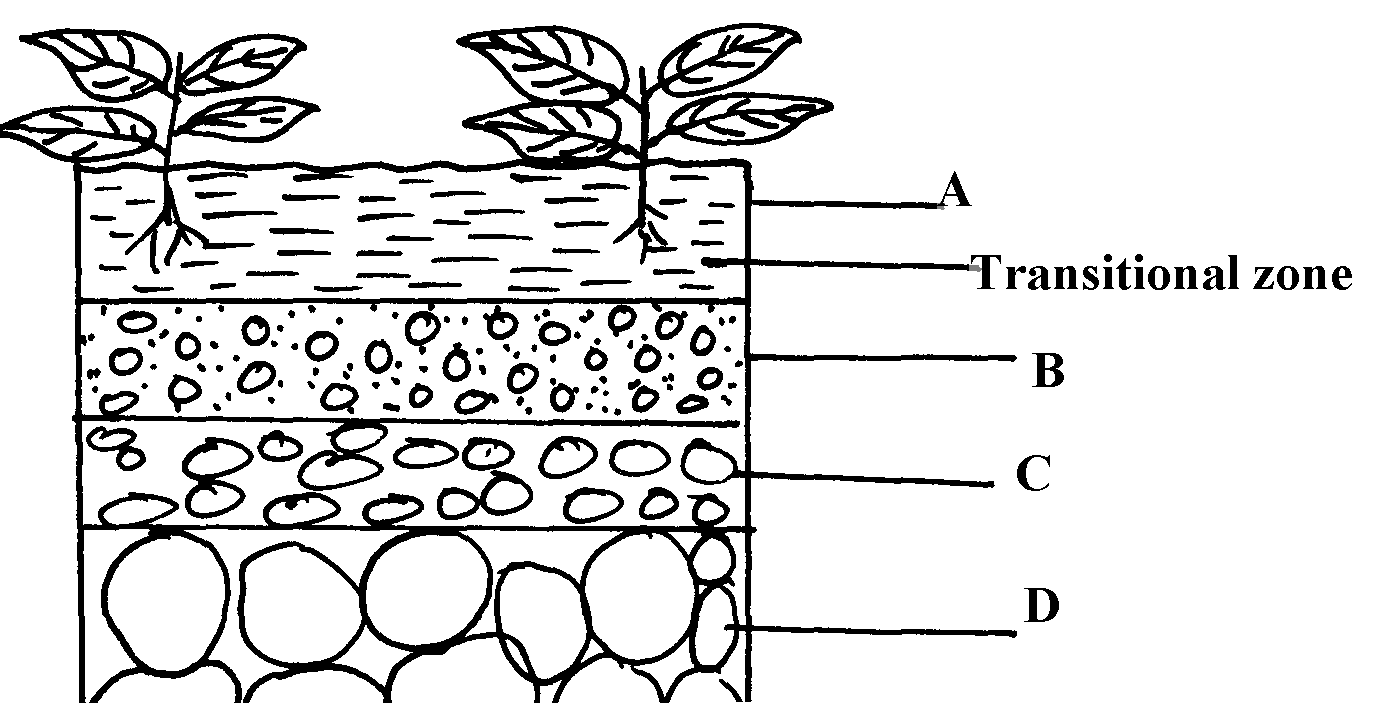
1. Identify the types of soil structure illustrated in diagrams **E** and **F**

1. Identify the parts labeled **(i)** and **(ii)** in diagram **F**

1. Outline the influence of physical characteristics of soil on its properties

13. State **three** physical characteristics of soil 3mks

14. Study the diagram below and answer the questions that follow 4mks



1. State merits of horizon **A**

1. State distinct features of horizon **B**

1. What does the term **transition zone** refer to in soil profile

1. Name horizon **C** and state its importance

15. Give **four** factors that influence soil formation 4mks

16. Name any t**hree** agents of biological weathering 3mks

17. Name five categories of farm tools and equipment: 5mks