

**GATITU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU.**

**FORM 1 AGRICULTURE. MID TERM EXAMINATION. TERM 2 2015.**

1. State four climatic factors that influence agriculture. (4mks)

i)

ii)

iii)

iv)

2. State three effects of high temperature in agriculture. (3mks)

i)

ii)

iii)

iv)

3. State four ways in which winds affect the growth of crops. (4 mks)

i)

ii)

iii)

iv)

4. Outline four aspects of rainfall that affect agriculture. (4mks)

i)

ii)

iii)

iv)

5. State three processes that cause rock weathering. (3mks)

i)

ii)

iii)

6. Name two aspects up light that influence crop growth. (2mks)

i)

ii)

7. State three reasons why soil is important to crops. (3mks)

i)

ii)

iii)

8. State four biotic factors that influence agriculture. (4mks)

i)

ii)

iii)

iv)

9. What are the two benefits of an optimum soil temperature in crop production? (2mks)

i)

ii)

10. State four factors that influence rate of weathering and type of soil formed. (4mks)

i)

ii)

iii)

iv)

11. State four components of a soil. (4mks)

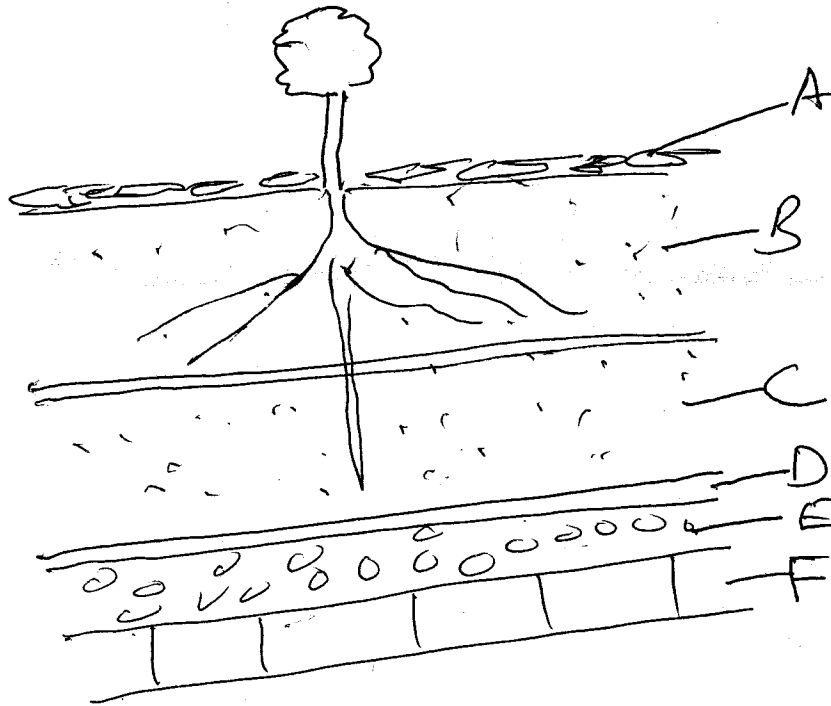
i)

ii)

iii)

iv)

12. Study the diagram below and answer the questions that follow:-



a) Identify the structure (1mk)

b)

c)

d)

b) Name parts A – F (6mks)

- A
- B
- C
- D
- E
- F

C) Name three characteristic of the part labeled B (3mks)

- i)
- ii)
- iii)

13. A Form one student carried out the following experiment to determine the amount of water in a soil.

A sample of soil weighing 120gms was heated in an oven at 105°C. The dry soil was weighed and weight recorded as 112gms. Calculate the percentage content of water in the soil sample.

(3mks)

XX.