**SOIL**

1. a) (i) What is soil catena?

(ii) Draw a labeled diagram to show a well developed soil profile. (5mks)

(iii) State three characteristics of the soils found in the arid regions of

Kenya. (3mks)

b) Give three factors that determine the colour of soil.

c) Describe how laterization occurs. (6mks)

d) Explain how the following farming practices cause soil erosion.

(i) Burning (2mks)

(ii) Continuous application of fertilizer on farm lands. (2mks)

(iii) Monocultures. (2mks)

2. (a) Name two types of soil according to texture. (2mks)

(b) State two ways in which humus improves the quality of soil. (2mks)

3. What is soil? (2mks)

4. Identify classification of soil according to order. (3mks)

5. Describe formation of soil through decomposition of organic matter. (3mks)

6. How does salination occur? (3mks)

7. What do you understand by zonal order soil?

8. List four soil conservation and management practices. (4mks)

9. What do you understand by podzolisarion? (2mks)