**GATITU DAY MIXED SECONDARY SCHOOL**

**BIOLOGY FORM 2 C.A.T 1 3RD TERM EXAM**

1. Differentiate between gaseous exchange and respiration. (2mks)
2. Write the equation for aerobic respiration. (2mks)
3. Define the term oxygen debt. (2mks)
4. List four differences between aerobic and anaerobic respiration. (4mks)
5. Write the equations for anaerobic respiration in both plants and animals.(4mks)
6. Define the following words: (4mks)

a. Excretion

b. Homeostasis

c. Egestion

d. Secretion.

1. Give four reasons why plants have not evolved complex organs for direct elimination of their wastes. (4mks)
2. Outline three excretory products of plants and their economic importance. (6mks)

1. Describe the structure and function of mammalian skin. (20mks)