

BIOLOGY FORM 2

KAGONDO SECONDARY SCHOOL

TERM 1 2014

MID TERM EXAM

1. Explain 2 functions of roots in plants (2mks)
- 2 a) State the differences between the internal structure of a root and a stem. (4mks)
b) Name the transport system structures of a flowering system (1mk)
3. Explain the forces that make water and mineral salts move through a plant (4mks)
4. a) State the role of blood clotting on wounds (1mk)
b) Define the term blood transfusion (1mk)
5. Distinguish between natural and acquired immunity (2mks)
6. The diagram below shows the structure of a fish gill.



- a) State 3 adaptations of the above gill to its functions (3mks)
- b) i) Explain how the structure handles counter flow system (2mks)
c) ii) Give 2 advantages of counter flow system in fish gaseous exchange (2mks)
7. Give a word equation for aerobic respiration (1mk)
8. Give a reason why is there a high rate of lactic acid production during exercise (1mk)
9. Define the following terms

i) Egestion ($\frac{1}{2}$ mk)

ii) Excretion ($\frac{1}{2}$ mk)

10. Name two common kidney diseases (2mks)

11. Explain why body temperature of a healthy person rise up to 37°C on a hot humid day (2mks)