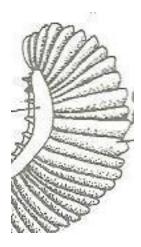
BIOLOGY FORM 2

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 (½ mk)
- ii) Excretion (½ 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)