GATITU MIXED SECONDARY SCHOOL

BIOLOGY FORM 2 CAT 1 2014 END TERM EXAM

1. Define the term homoestasis. 1mk
2. Differentiate between hibernation and aestivation. 2mks
3. Give the functions following in blood regulation. 2mks
4. Insulin
5. glucagon
6. Give two functions of kidney 2mks
7. Explain why glucose and proteins are absent in urine. 2mks
8. Give two parts in the body that have counter current flow. 2mks
9. Give one importance of cannabis sativa. 1mk
10. List two reasons why plants do not have complex organs. 2mks
11. The equation below represent a body process

C6H12O6 + 6O2→6 CO2+ 6H2O +ATP

1. find the RQ 2mks
2. Name the food substance that has been oxidized. 1mk
3. Describe what happen during diastole. 3mks
4. How does the skin regulate the body temperature? 10mks