**GATITU MIXED SECONDARY SCHOOL**

**BIOLOGY FORM 1 END OF TERM 1 2015 EXAM**

1. What is biology? 2mks
2. Explain the two main branches of biology. 4mks
3. Define the following miner branches of biology
4. Ecology 2mks
5. Genetics 2mks
6. Entomology 2mks
7. Parasitology 2mks
8. Highlight four importance of biology. 4mks
9. State any five characteristics of living things. 5mks

1. State any four apparatus used in the collection of specimens. 4mks
2. Highlight two precautions during collection and observation of specimens. 4mks
3. List four differences between a plant and an animal. 8mks
4. A motor vehicle is able to move and break down fuel to carbon iv oxide (carbon dioxide) and water, yet it is not classified as a living thing. List other characteristics of living things that are not shown by a motor vehicle. 4mks
5. List the taxonomic units from the largest to the smallest. 7mks
6. State the five kingdoms in living organisms. 5mks
7. Explain any two principles of the binomial nomenclature. 4mks

1. What name is given to the double – naming system of living organisms? 2mks
2. Give reasons why scientific names are given in latin. 2mks
3. Distinguish between common names and scientific names of living organisms. 2mks
4. Define the term species. 2mks
5. Explain why a leopard and a lion cannot breed yet they belong to the same genus. 2mks
6. The scientific name for the black jack plant is Bidens pilosa. Which taxonomic group does the name pilosa refers to? 2mks
7. What is a cell? 2mks
8. Highlight three rules that should be observed when using a microscope. 3mks
9. Explain the functions of the following parts of a microscope.
10. Mirror 2mks
11. Limb 2mks