**GATITU MIXED SECONDARY SCHOOL**

**BIOLOGY FORM 1 OPENER TERM 2 2015 EXAM**

1. Give meaning to the following terms as used in biology.
2. Bios 1mk
3. Logos 1mk
4. Highlight two careers that require biological knowledge. 2mks
5. Define the following terms as used in the characteristics of living things. 4mks
6. Nutrition
7. Respiration
8. List the uses of energy obtained from the process of respiration. 2mks
9. Explain the functions of the following apparatus used to collect and observe specimens.
10. Specimen bottles 2mks
11. The magnifying lens 2mks
12. Draw a well labeled diagram of a hand lens. 3mks
13. Give an example of a living organism in each of the following
14. Kingdom monera 1mk
15. Kingdom plantae 1mk
16. Using the principles of the binomial nomenclature, write the following scientific names in order. 4mks
17. Panther leo
18. Zea mays
19. Give one example of a unicellular organism. 1mk
20. Highlight the function of the fine adjustment knob. 2mks
21. If the eye – piece lens magnification is x10 and that of the objective lens is x40, calculate the total magnification. 2mks
22. Give the two types of microscope found in a laboratory. 2mks