**Name ………………………………………………………………**

**GATITU MIXED SECONDARY SCHOOL**

**BIOLOGY FORM 1 END OF TERM 2 2013 EXAM**

1. What is a cell? 2mks
2. Name 3 cell structures that can only be seen under
3. Light microscope 3mks
4. Electron microscope 3mks
5. If the nucleus of a cell is removed , what would happen to that cell and why 3mks
6. Define the following 3mks
7. A tissue
8. An organ
9. An organ system
10. What is cell specialization 2mks
11. What is the name of a scientist who studies cells 1mk
12. Name the cell organelle which
13. Form ribosomes
14. Transports lipids 2mks
15. The diagram below is that of a palisade cell. Name the structures labeled A,B and c 3mks



Name the structures labeled A,B and c 3mks

1. The diagram below represents a certain cell organelle
2. Identify the above cell organelle 1mk
3. Name part labeled X 1mk
4. State the function of the above cell organelle 1mk
5. Compare the structure of plant and animal cells 5mks
6. A drawing of 5 cm in length, was made of a beetle whose actual length was 1 cm. calculate the magnification of the drawing. 2mks
7. What are the functions of
8. Connective tissue
9. Epidermal tissue
10. Parenchyma tissue 6mks
11. Define the term species 2mks