**GATITU GIRLS SECONDARY**

Name......................................................................................................

REG No...............................

BIOLOGY

FORM 2

TUNE UP TERM 2018

1. State 2 adaptations of the root hairs to their functions (2mks)
2. State the functions of the following (4mks)
3. Pericycle
4. Peliferous layer
5. Pith
6. Parenchyma
7. State the forces involved in water and mineral salt transportation (4mks)
8. What makes the heart to beat without getting tired? (1mk)
9. Differentiate between osmosis and diffusion (3mks)
10. State factors that affect diffusion (3mks)
11. State 3 properties of the cell membrane (3mks) 20
12. State the role of osmosis in organisms (3mks)
13. Draw and label the structure of chloroplast (8mks) 31
14. Draw a graph that indicates the effect of temperature on photosynthesis (4mks)