**GATITU MIXED SECONDARY SCHOOL**

**OPENER EXAM 2015**

**TERM I**

**GEOGRAPHY FORM THREE**

**INSTRUCTIONS**

* *Answer* ***ALL*** *the questions in the spaces provided.*
* *Remember to write your* ***name*** *and* ***admission number****.*

1.Define the terms (4marks)

 a)Orogeny

 b)Orogenesis

 c)Faulting

 b) Tectonic forces

2. Explain briefly **three** significances of faulting to Human Activities (3marks)

3Using well labeled diagrams Explain the formation of the rift valley using tensional forces (3marks)

4. a) Define vulcanicity (1mark)

 b) Give **three** examples of intrusive landforms (3marks)

 c)Give **three** characteristics of composite volcanoes (3marks)

 d) Differentiate between a sill and a dyke (2marks)

5. Give **four** causes of earthquakes (4marks)

6. Differentiate between longitudes and latitudes (2marks)

7. Name **three** ways in which relief features are represented in on topographical maps (3marks)

8. State and explain **two** types of ground photographs (3marks)

9. Differentiate between weather and climate (2marks)

 10. State and briefly explain **four** factors affecting climate (8marks)

11. State **two** characteristics of coniferous forests (2marks)

12. Briefly explain **three** factors influencing the distribution and types of Natural forests (3marks)

13. Give **three problems** facing softwood forests in Canada (3marks)