**GEOGRAPHY**

**3RD TERM 2013**

**2 ½ HRS**

**GATITU MIXED DAY SECONDARY SCHOOL**

**GEOGRAPHY**

**FORM ONE 3RD TERM EXAMINATION 2013**

**Instructions**

* **Answer all the questions**
* **All answers must be written in the answer booklet provided**

**1)a) Describe the word geography (2mks)**

**b) Name two branches of Geography (2mks)**

 **2. a) Name the nearest planet to the sun (1mk)**

 **b) What is the distance between the earth and the sun? (1mk)**

 **c) Apart from the planets, name two other celestial bodies (2mks)**

 **d) Name two layers that form the crust (2mks)**

 **3. a) Name two instruments found in a Stevenson screen. (2mks)**

 **b) State two importance of water vapour in the atmosphere (2mks)**

 **c) Name two types of fog (2mks)**

 **d) Other than rain, name two types of precipitation (2mks)**

**4. a)i) State three uses of topographical maps. (3mks)**

**ii) Name three marginal information which can be obtained from a map (3mks)**

**b)i) Convert 1/300000 into statement scale (2mks)**

**ii) Convert 1cm on the map represent 1km on the ground into representative fraction (2mks)**

**C) if one full square represents 1km2 ,calculate the area enclosed by the circle in the graph in km2 . show your calculation.**

 **Scale 1:50000**

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**5. Geography students from your school decided to go for a field work on study of rocks.**

**a)i) State four reasons why they conducted a reconnaissance (4mks)**

**ii) Formulate two objective of their study (2mks)**

**iii) Formulate two hypotheses for their study (2mks)**

**b)i) Give two advantages why they used observation as a method of data collection (2mks)**

**ii)State two disadvantages for using observation as a method of data collection (2mks)**

**c)i) Give two advantages of using content analysis as a method of data collection (2mks)**

**ii) Give two disadvantages of using content analysis as a method of data collection (2mks)**

**d) State two problems they could have encountered during their field study. (2mks)**

**6.i) What is minerals? (2mks)**

**ii) Name any three elements of the earth crust (3mks)**

**b) i) What is a rock (2mks)**

**ii) Name two types of igneous rocks (2mks)**

**c) i) Describe how sedimentary rocks are formed mechanically. (2mks)**

**ii) Give three examples of mechanically formed sedimentary rocks. (3mks)**

**d) i) Describe how metamorphic rocks are formed (2mks)**

**ii) When the following rocks undergo metamorphism which rocks do they change to. (2mks)**

**Sandstone**

**Granite**

**Limestone**

**Coal**

**7. a)i) State three factors influencing occurrence of minerals (3mks)**

**ii) Give five factors influencing exploitation of minerals (5mks)**

**iii) Name four types of underground mining method (4mks)**

**b) Explain the four significance of minerals in Kenya (8mks)**

**c )i) State four effects of mining on the environment (4mks)**

**ii) State four problems facing diamond mining in South Africa (4mks)**

**iii) Give four ways on how Gold has contributed to the economy of South Africa (4mks**