**KIGALI CITY**

**KICUKIRO DISTRICT**

**NYARUGUNGA SECTOR**

**ES KANOMBE/EFOTEC**

 **S6 PHYISICAL GEOGRAPHY REVISION EXERCISES**

**Instructions: All questions are compulsory**

**1) a**) what is plate tectonics

**b)** Discuss two effects of the plate’s tectonics in some specific areas of the world

**2)** By illustrating your answer, describe the features of underground cave Limestone cave

**3)** List three influences of the sun on the Earth

**4)** Give a brief description of inselberg and mushroom rocks and illustrate your answer by using their diagram.

**5)** What is the difference between a cirque and a cirque lake?

**6**) What is the time at GMT if 10 am at a place located at 600 E?

7) Examine the difference between depressions and anticyclones

**8)** Examine the meaning of Greenhouse effects

**9)** Give the types of lakes produced by volcanicity

**10) a)** Explain two characteristics of equatorial rain forest

 **b)** What are the two adaptations of desert vegetation to the harsh climatic conditions?

11) Explain the conditions necessary for loads to be deposited

12) By illustrating your answer, describe how pyramidal peak and arêtes are formed

**13)** Define the following terms**:**

**a)** Contour interval

**b)** Amplitude

**14)** The senior six students plan to carry out a field study in a forest around their school

**a)** Give and explain three reasons why it is important to seek permission from the school administration

**b)** Describe any two sources of information you may use before conducting a field study

**c)** Discuss the challenges you may face during the field study

**12)** Study the extract of the map to the next page and answer to the related questions:

**a)** Give the six grid references of Rubayo (NW)

 **b)** Measure the distance from MUTOVU (601202) to GATARE (601500)

**c)** Explain the importance of Lake Bihiga and Lake Cyunyu to the people of Karago

**d)** Reduce the map by ½ and on it mark Lakes Cyunyu and Lake Bihinga

**e)** Explain Why the North –East to South East and the Centre of the map records low level of settlement

**f)** Calculate the area of the feature found at the East of Easting 90 and South of Northing20

