

S.5 GEOGRAPHY HOLIDAY WORK

SECTION A

Item 1

A group of tourists from Europe have visited East Africa for a three weeks holiday and their first country of destination is Uganda. On reaching Entebbe international airport, they visited the Uganda Tourism Board desk where they interacted with the staff they found including you. In their interaction they requested for information regarding the viable mountainous regions where they can spend their leisure from. They gave them several photographs of different areas but the visitors chose Mt Rwenzori region due to its magnificent scenery with snow at the hill top and green vegetation on the foot hills and lower slopes. The visitors were very excited with the view of the highland and were wondering how such a beauty came into existence and how the residents around it are affected.

You have been selected by your bosses to move with the visitors around the region selected as their guide.

Task

- (a) Using a variety of theories, describe how Mt Rwenzori came into existence
- (b) Discuss the economic significance of Mt Rwenzori on the lives of people living around it.

Item 2

A group of S5 “Geography Wizards” led by Onyango were tasked to carry out research about the tectonic plates and share their findings with the entire class. This is what they shared in their report

“The Earth’s crust is divided into a number of separate parts known as Tectonic plates. These include Eurasian plate, African plate, Indian/Australian plate, Pacific plate among others. These plates are mobile and keep on floating on the molten rocks of the upper mantle. These plates change overtime in terms of position, size and shape. Further more, research has it that when these plates move away from each other, they create cracks through which molten rocks are forced out either into or onto the earth’s surface through a process known as Vulcanicity.”

Your group “Geography Hazards” on the other hand was tasked to have their research too regarding the different landforms that are created as a result of magma getting intruded into the earth’s surface in a process known as Intrusive vulcanicity.

You have been selected to represent your group in research and presentation.

Task

- (a) Discuss the origin of Vulcanicity
- (b) Discuss the landforms resulting from intrusive vulcanicity

SECTION B

Item 3

Recently a group of S.5 students had a field trip to Njeru stock farm. An Livestock demonstration farm situated on a hill in Bukaya cell in Njeru Municipality. On their way back, they noticed something unfamiliar as they were sloping from the hill top to the foothill. They noticed that as one moves downwards along the slope, different soil types are found at different sections and to a surprise, these soils were different in colour, texture and even fertility. When they approached their geography teacher, he told them that what they observed is known as soil catena and he told them further that its a general characteristic on most of the hills in Buganda particularly in Buikwe, Mukono, Wakiso and Mpigi. He drew for them a diagram describing the term and also explained to them the factors behind it.

Task

Assuming you were one of the students that day,

- (a) Describe with an aid of a diagram what was observed
- (b) Discuss the factors responsible for development of soil catena on Buganda hills

Item 4

Eastern Uganda is one of the regions endowed with varied relief features particularly in the districts of Mbale, Sironko, Manafwa, Bulambuli, and Bududa. The most spectacular relief feature here is Mt Elgon which stands as one of the most influencing landforms when it comes to influencing human life. It has fertile soils, its a source of several rivers, it contains thick forests among others. However, it has been discovered that the soils in this area are getting degraded every now and then through geological and accelerated erosion something which is worrying the local leaders and several concerned citizens. They say that if the government continues to ignore this phenomenon, the situation may worsen and people's ways of lives may get affected thus making the government unpopular.

The government through National Environment Management authority has therefore sent a team where you're the secretary to this region to establish the cause and come up with possible strategies of addressing the problem at hand.

Task

- (a) Discuss the causes of soil erosion in Elgon region
- (b) Explain the possible strategies that should be carried out to control soil erosion