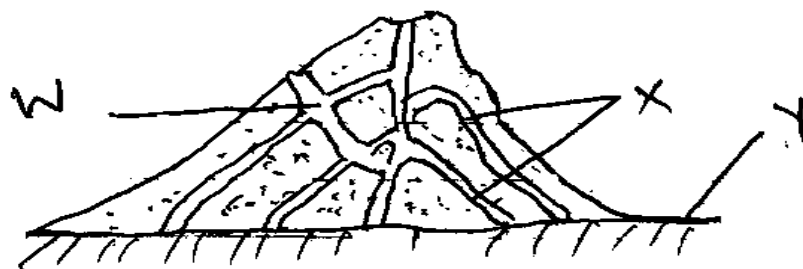


## ST. MARYS GIRLS RUNDA F2 APRIL ASSIGNMENT

1. a) Define the term Vulcanicity? (2mks)  
 b) Distinguish Extrusive and intrusive vulcanicity (4mks)  
 c) Give any **three** resultant features due to intrusive vulcanicity (3mks)  
 d) Describe the continental drift theory (3mks)  
 e) i) State **two** artificial causes of earth movements (2mks)  
 ii) Explain any **three** significances of vulcanicity to human activities. (8mks)
2. a) (i) Define the term vulcanicity. (2mks)  
 (ii) Apart from sill and dyke name **two** intrusive volcanic features. (2mks)  
 b) Describe the formation of a caldera under the following subheadings.  
 (i) Subsidence. (4mks)  
 (ii) Explosion. (5mks)  
 c) Explain **three** causes of vulcanicity. (6mks)  
 d) Explain **three** negative effects of vulcanicity. (6mks)
3. (i) what is faulting (2 marks)  
 (ii) Apart from Block Mountains, identify three features that result from faulting (3marks)
- (b)(i) Name three major Rift valley in the world (3marks)  
 (ii) Use a well labeled diagram; describe how the Gregory rift valley may have been formed through Anticlinal arching (8 marks)
- c)(i)Name two lakes within the western section of the great rift valley (2 marks)  
 (ii) Explain Three negative influence of faulting on human activities (6 marks)
4. (a) (i) Apart from the Rift valley, name three other relief features formed as a result of faulting. (3mks)  
 (ii) Using well labeled diagrams, describe how a Rift valley is Formed through tensional forces. (8mks)  
 (b) Explain three ways in which faulting may influence drainage system. (6mks)  
 (c) Describe four ways in which features resulting from faulting are of significance to the economy of Kenya. (3mks)
5. a) Differentiate between magma and lava. (2mks)  
 b) The diagram below shows a composite volcano



Name the features marked W, X and Y (3mks)

W -

X -

Y -

- c) Describe how the following features are formed and for each give a example from Kenya  
 i) Crater (4mks)  
 ii) Lava plateau (5mks)
- d) Explain four ways in which volcanic features influence human activities (8mks)
- e) i)What is an earthquake? (2mks)

ii) Identify the scale used to measure magnitude of an earthquake? (1mk)

5.