

**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**GEOLOGY 216: INTRODUCTION TO GEOLOGY**  
**Y2 S1: FEB – MAY, 2022**

**ATTEMPT ALL QUESTIONS IN SECTION A AND ANY TWO OTHERS FROM SECTION B**

**SECTION A**

**QUESTION ONE**

Using a diagram, explain the processes that operate in the interior of the earth and cause disruptions on the crust (20 marks)

**QUESTION TWO**

Explain clearly how Geologists in a state would contribute to the awareness of the populace and avert future geological hazards (10 marks)

**SECTION B**

**QUESTION THREE**

Discuss the various denudational process that cause deformation and decomposition of rocks on the surface of the Earth. (20 marks)

**QUESTION FOUR**

Explain the role of convective activities in the interior of the Earth in the tectonic movements, which are associated in mountain building and continents. (20 marks)

**QUESTION FIVE**

Clearly define what minerals are; and their major characteristics. (20 marks)

**QUESTION SIX**

Explain briefly the meaning of these terms as used in the study:

- (a) Geology (5marks)
- (b) Vulcanicity (5 marks)
- (c) Sial (5 marks)
- (d) Mantle (5 marks)