

- 1) Describe the following geographic phenomena. (6 Marks)
- i. Zonal soils (6 marks)
 - ii. Earth's revolution and resultant seasons (6 marks)
 - iii. Pediplanation (6 marks)
 - iv. Biological weathering (6 marks)
 - v. Autotrophs (6 marks)

2) Explain the significance of the nitrogen cycle in the biosphere. (20 marks)

3) Describe the three types of earth's tectonic plates. (20 marks)

*Subduction
Convergent
Transform*

4) Explain any three factors influencing planetary winds. (20 marks)

5) Explain the economic significance of volcanic landforms to the people of Kenya. (20 marks)

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