## 7. MINERALS AND ROCKS

## The topic entails:-

- (i) **Defining minerals and rocks**
- (ii) Stating the characteristics of minerals
- (iii) Classification of rocks according to mode of formation
- (iv) Stating the characteristics of rocks
- (v) Accounting for the distribution of major types of rocks in Kenya.
- (vi) Explaining the significance of rocks
- (vii) Identifying major types of rocks and their uses within the local environment.
- 1. (a) State **two** formations in which mineral ores occur
  - (b) Give **three** negative effects of open cast mining on the environment
- 2. a) Briefly describe how minerals occur in veins and lodes
  - (b) Describe how coral rocks are formed
- 3. State **three** classification of sedimentary rocks based on their mode of formation
- 4. a) A part from Thermol Metamorphism, name two other types of metamorphism
  - b) Describe the following types of rocks
    - i) Calcareous rocks
    - ii) Carbonaceous rocks.
    - iii) State **three** examples of rocks that are dominant at the coast of Kenya.
  - c) i) Explain how sedimentary rocks are formed through the following processes.

**Mechanical Process** 

- ii) Chemical Process
- 5. (a) Give **three** ways through which rocks may be metamorphosed. (3 mks)
  - (b) Name **two** examples of plutonic rocks
  - c) State three conditions that favour the formation of an artesian basin.