

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 Thermal 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.