**7. MINERALS AND ROCKS**

**The topic entails:-**

1. ***Defining minerals and rocks***
2. ***Stating the characteristics of minerals***
3. ***Classification of rocks according to mode of formation***
4. ***Stating the characteristics of rocks***
5. ***Accounting for the distribution of major types of rocks in Kenya.***
6. ***Explaining the significance of rocks***
7. ***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.