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) Apart 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.