12. FORESTRY

The topic entails:-
  (i)   Definition of forest and forestry
  (ii) Discussing factors influencing the distribution and types of natural forests.
  (iii) Discussing the significance of forests and forest products in Kenya
  (iv) Identifying and explaining problems facing forestry in Kenya
  (v)   Discussing ways and means of managing and conserving forest.
  (vi) Comparing and contrasting softwood forests in Kenya and Canada.
  (vii) Demonstrating the ability to manage and conserve forests and forest resources.

1.   (a) Give **three** reasons for over-exploitation of hardwoods in Africa.
         (b) State **four** measures taken to conserve forests in Kenya.
         (c) (i) Name **two** major lumbering maritime provinces in Eastern Canada.
            (ii) Explain the factors that have favoured forestry in Canada.
         (d) Explain **three** differences between softwoods in Kenya and Canada.

2.   (a) (i) What is agro-forestry?
            (ii) State **four** reasons why agro-forestry is being encouraged.

3.   (a) (i) Distinguish between pure and mixed forests
            (ii) Show how natural forests differ from planted forests in Kenya
        (c) (i) State **three** measures that are being taken in Kenya to conserve forests
            (ii) Explain **three** factors favouring the exploitation of softwoods in Canada

4.   (a) Define **agro forestry**
         (b) Outline **four** benefits of agro forestry
         (c) Explain how the following factors influence growth of forests;
            (i) Altitude
            (ii) Aspect
         (d) Explain **three** measures being undertaken to conserve forests in Kenya
         (e) Give **four** consequences of forest depletion in Kenya

5.   (a) (i) Distinguish between indigenous and exotic forest
             (ii) Explain **four** ways in which natural forests differ from planted forests
         (b) Explain **three** factors that influence the distribution of forests in Kenya
         (c) State **three** measure that are being taken to conserve forests

6.   (a) (i) What is **forestry**?
             (ii) Explain **three** factors that favour the growth of natural forests on the Kenya highlands
        (b) Explain **five** problems hindering the exploitation of tropical hardwood forests
        (c) (i) Explain **three** measures that the government of Kenya is taking to conserve forests
                in the country
           (ii) State **three** factors that have led to the reduction of the area under forest in Mau forest

7.   (a) (i) Distinguish between forestry and forest
            (ii) Discuss the influence of the following factors on the destruction of natural forests
             a) Climate
            b) Human activities
            c) Topography

8.   (a) Explain **three** measures which have been taken to manage forests in Kenya
          (b) Give the differences between the soft wood forests in Kenya and

Canada, under the following headings:
                    (i) Species
                    (ii) Problems
                    (iii) Marketing
    (d) Your class intends to carry out a field study on the erotic trees of the Kenya highlands:-
     (i) Name **two** types of tree species they are likely to observe
     (ii) Identify **three** methods you will use to record the data in the field

9.   (a) Define the term **agro-forestry**
        (b) Name **three** topical hardwoods found in Kenya
        (c) Name **one** indigenous soft wood found in Kenya