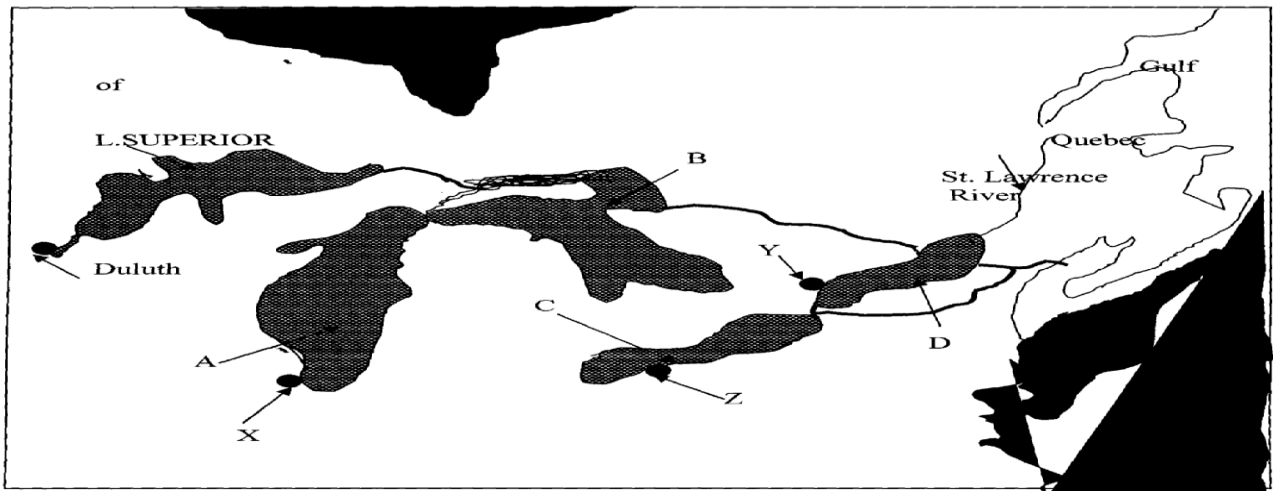


21. TRANSPORT AND COMMUNICATION

This topic entails :-

- (i) *Definition of transport and communication*
 - (ii) *Identifying modes of transport and types of communication.*
 - (iii) *Location of major lines of transport in Africa.*
 - (iv) *Outlining the role of transport and communication in economic development of Africa.*
 - (v) *Discussing problems facing transport and communication in Africa and the efforts being made to solve them.*
 - (vi) *Explanation of the role of the Great Lakes and the St. Lawrence Sea Way in the economies of USA and Canada.*
1. (a) (i) State **four** factors that influence transport and communication
(ii) State **three** problems facing transport and communication in Africa

(b) The diagram below shows the Great Lakes & St Lawrence Seaway:



(i) Name the lakes marked **A, B, & C** .

(ii) Why was the St. Lawrence Sea way constructed between the Great Lakes and the Pacific Ocean?

(iii) Identify the problems that initially existed along the seaway and how they were solved (c)

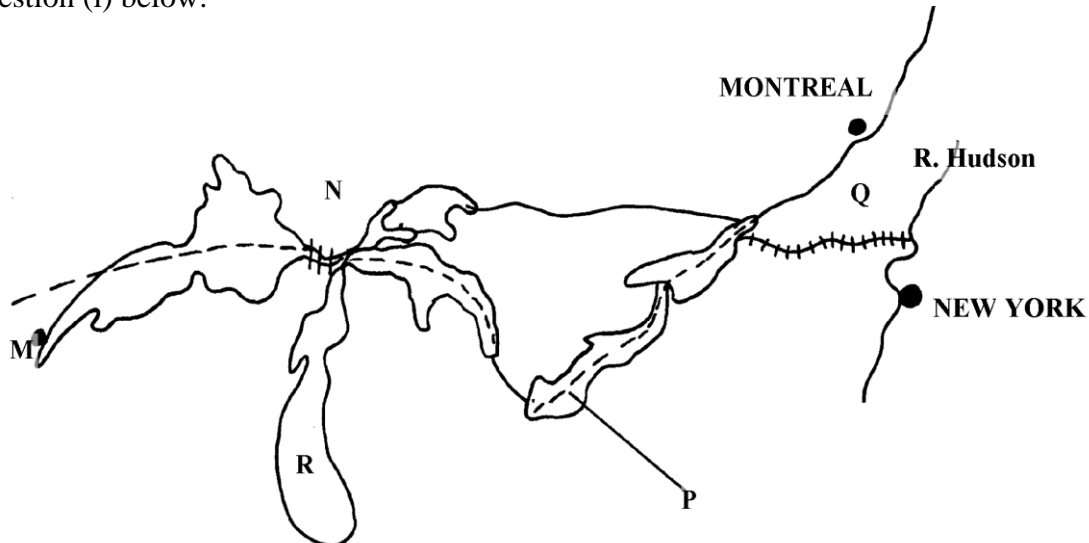
State **four** advantages of the Mombasa-Nairobi pipeline.

(d) Discuss the role of transport and communication in development

2. (a) (i) What is transport?

(ii) Name **three** forms of land transport commonly used in Kenya

(b) Below is a sketch map of the Great Lakes and St. Lawrence Sea Way. Use it to answer question (i) below:



(i) Name;

- The Canals marked **N** and **Q**

- The lakes marked **R** and **P**

- The port marked **M**

(ii) Explain **four** ways in which the Great lakes and St. Lawrence Seaway has contributed to the economies of U.S.A and Canada

(c) State **four** ways in which communication has contributed to economic development of Kenya

(d) State any **four** problems facing air transport in Africa

3. (a) Define the term **communication**

(b) State **two** recent developments that have taken place in Kenya to improve communication

(c) State **two** problems facing telephone as a means of communication in Kenya

4.
 - a) State **three** benefits that Kenya would derive from road linkage with the rest of East African countries
 - (b) Give **two** major problems experienced by users of Kenyan roads
5.
 - (a) (i) Give **two** forms of land transport
 - (ii) State any **four** disadvantages of water transport
 - (b) Explain any **five** ways in which transport and communication is important to the economy
 - (c) Explain **three** attempted solution to African transport and communication problems
 - (d) (i) Define canal transport
 - (ii) Name the **two** major canals of the world

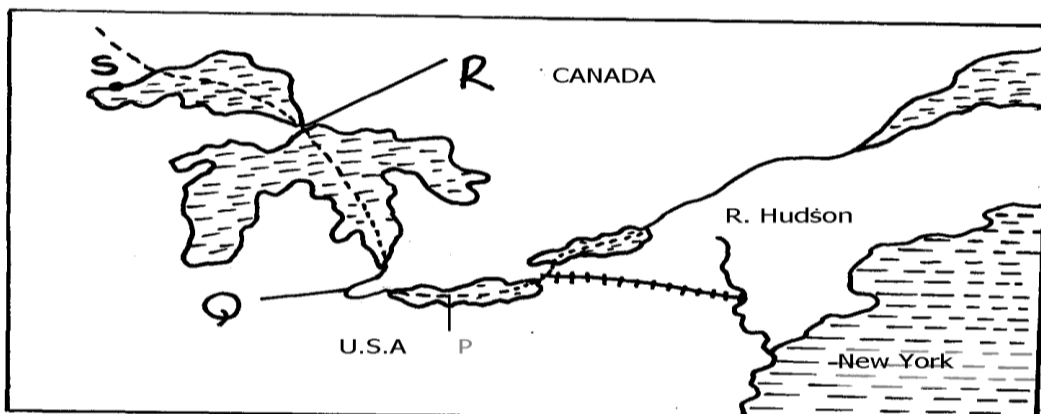
6. The table below shows the number shows the number of passengers that used railway transport in selected countries in 1966 and 1977. Use it to answer questions (a) and (b)

COUNTRY	PASSENGERS IN MILLIONS	
	1966	1977
CANADA	4,800	6,000
U.S.A	27,800	16,600
ARGENTINA	14,100	12,000
INDIA	96,000	160,800
JAPAN	258,400	310,900

- (a) (i) Using a scale of 1cm to represent 20,000 million passengers, draw comparative bar graphs based on the data above
 - (ii) State **two** advantages of using bar graphs in representing data
 - (b) Calculate the percentage increase in railway passenger transport in Canada between 1966 and 1977
 - (c) Explain **three** factors that hinder the development of railway links among African countries
 - (d) One of the problems facing road transport is the high frequency of accidents. Explain **three** conditions of roads in Kenya that may lead to accidents
7.
 - (a) (i) Name **three** types of communication mainly used in Kenya
 - (ii) State **two** advantages of pipelines as a means of transport
 - (b) (i) Why is air transport not very commonly used in Kenya?
 - (ii) Explain **four** roles of transport and communications in the economic development of Africa
 - (c) (i) State **three** objectives of constructing the St. Lawrence Seaway
 - (ii) Name **two** canals on the St. Lawrence Seaway

8. Below is a sketch map of the great lakes and St. Lawrence sea way. Use it to answer question (a)

- (a) Name:- (i) The Lake marked **P**
- (ii) River marked **Q**
- (iii) Canal marked **R**
- (iv) The port marked **S**



- (b) Explain **three** ways in which the great Lakes and St. Lawrence seaway has contributed to the economy of Canada and United States of America (U.S.A)
 - (c) Explain the factors that hinder the development of river transport in Africa
 - (d) (i) State **three** recent developments that have taken place in Kenya to improve communication
 - (ii) Explain **three** problems facing telephone as a means of communication in Kenya
9. (a) Define the term **containerization**
- (b) State **three** advantages of containerization
10. (a) (i) Explain **three** economic importance of using mobile phones
- ii) State **four** problems associated with the use of mobile phones in Kenya
- b) Give **four** reasons why water transport is poorly developed in Africa
- c) Explain **three** measures that have been taken to solve transport problems in Africa