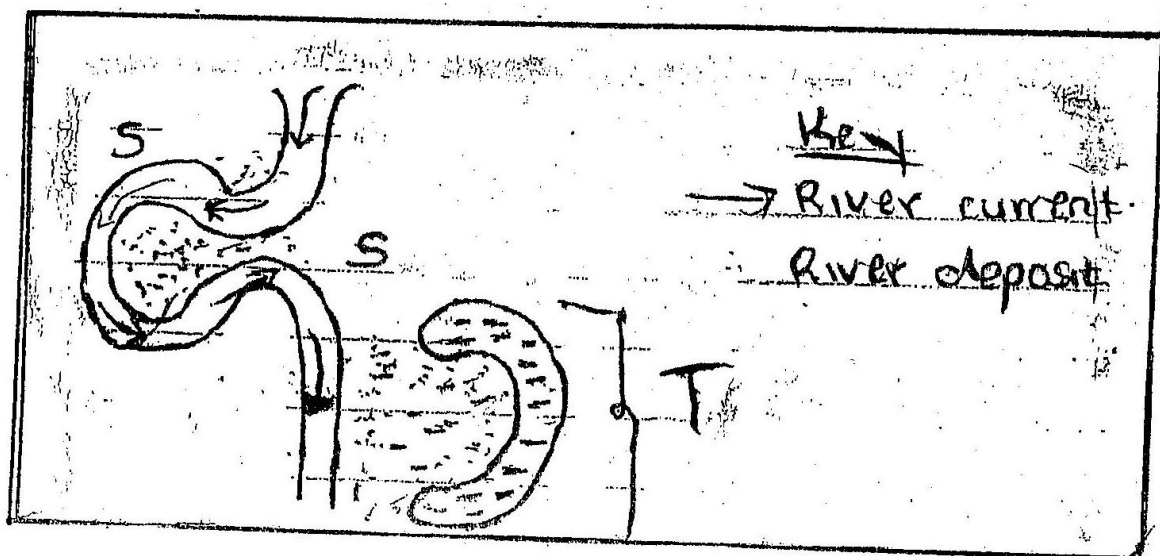


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GEOGRAPHY
PAPER 1
MARCH/APRIL 2010
2 ¾ HOURS

SECTION A

1. a) Name two theories of the origin of the earth.
b) Name four layers of earth's atmosphere
2. a) Name two types of soil according to texture
b) State four factors that contribute to soil leaching process
3. a) Explain the theory of the continental drift.
b) In your sheet draw a diagram to show a simple fold and on it mark anticline, and limb
4. a) Explain the influence of temperature on the movement of wind in local pressure zone in the northern hemisphere
b. Describe how you would use the hygrometer to measure humidity during a field study.
5. The diagram below shows a section of a river use it to answer the questions that follow.

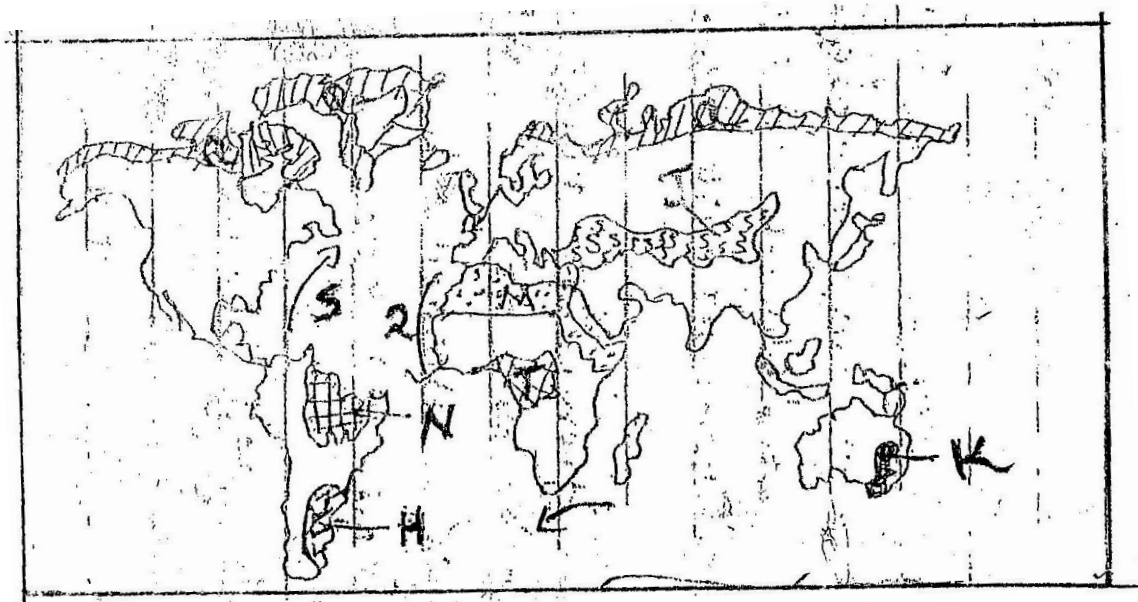


- i) At what stage of development is this section of the river?
- ii) Name the natural process that place at part marked S.
- iii) Name feature marked T.

SECTION B

6. Study the map provided (Kericho) 1:50,000 sheet 117/4 and answer the following question.
- What is the magnetic variation of the area shown on the map as at January 1970?
 - Citing evidence from the map describe the climate of the area covered by the map
 - What is the direction of the factory along the eastings 61 from the trigonometric station 217?
 - Measure the distance of dry weather road from grid reference 5460 to where it joins all weather road loose surface at grid reference 5168.
 - Outline the drainage of the area covered by the map.
 - Identify two economic activities carried out in the area covered by the map
 - Briefly explain the relief of the area covered by the map
 - Student of Polywoik School carried out a field study on settlement of the area covered by the map extract.
 - State any two objectives of their study
 - Name any two types of settlement pattern they may have identified
 - State any four factors responsible for the settlement pattern in the region they identified.
7. Use the map below to answer questions below.

WORLD MAP



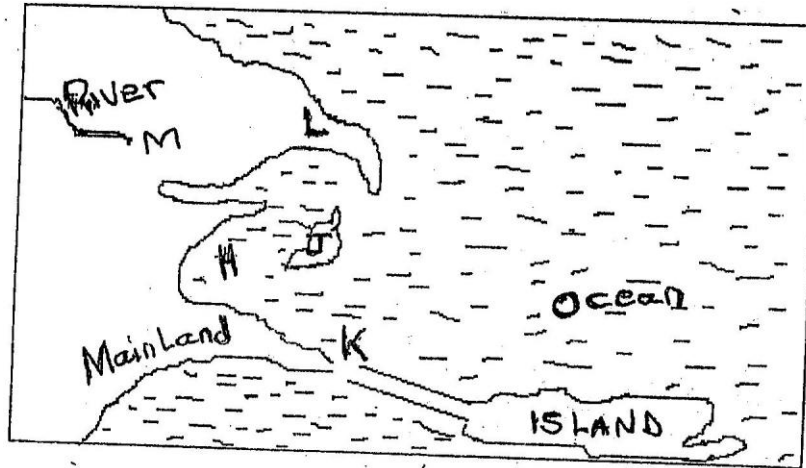
- Name the types of climate found in the shaded area marked Q
 - Explain Ocean current marked V, R & S

- iii) Explain four ways in which vegetation found in the area marked M adapts to the environmental condition of the region.
- iv) Explain three causes of the decline of the area under forests in Kenya.

- 8. a)
 - i) What is the difference between weathering and mass wasting
 - ii) List four processes involved in chemical weathering
 - iii) Explain three ways in which soil creep occurs
- b)
 - i) Explain three factors that influence the development of karsts scenery
 - ii) With the aid of a well labeled diagram, describe the formation of grikes and clints

- 9. a)
 - i) Give three processes that lead to the formation of lakes
 - ii) Describe how Lake Victoria was formed
 - iii) Explain how Lake Victoria influences the climate of the surrounding area.

b. Use the diagram below to answer the questions that follow.



- i) Name the coastal features marked
 - H
 - J
 - K
 - L
 - M
- ii) State four conditions necessary for the formation of a beach
- iii) State four relief features found on the floor of the ocean

- 10. a)
 - i) Name two types of glaciers
 - ii) With an aid of well labeled diagram describe the formation of a pyramid peak
 - iii) Explain three ways in which glaciation is significant to human activities
- b)
 - i) Different between a mineral and a rock
 - ii) Briefly explain how limestone rocks are formed
 - iii) List three methods used to determine the age of rocks.

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GEOGRAPHY

PAPER 2

MARCH/APRIL 2010

2 ¾ HOURS

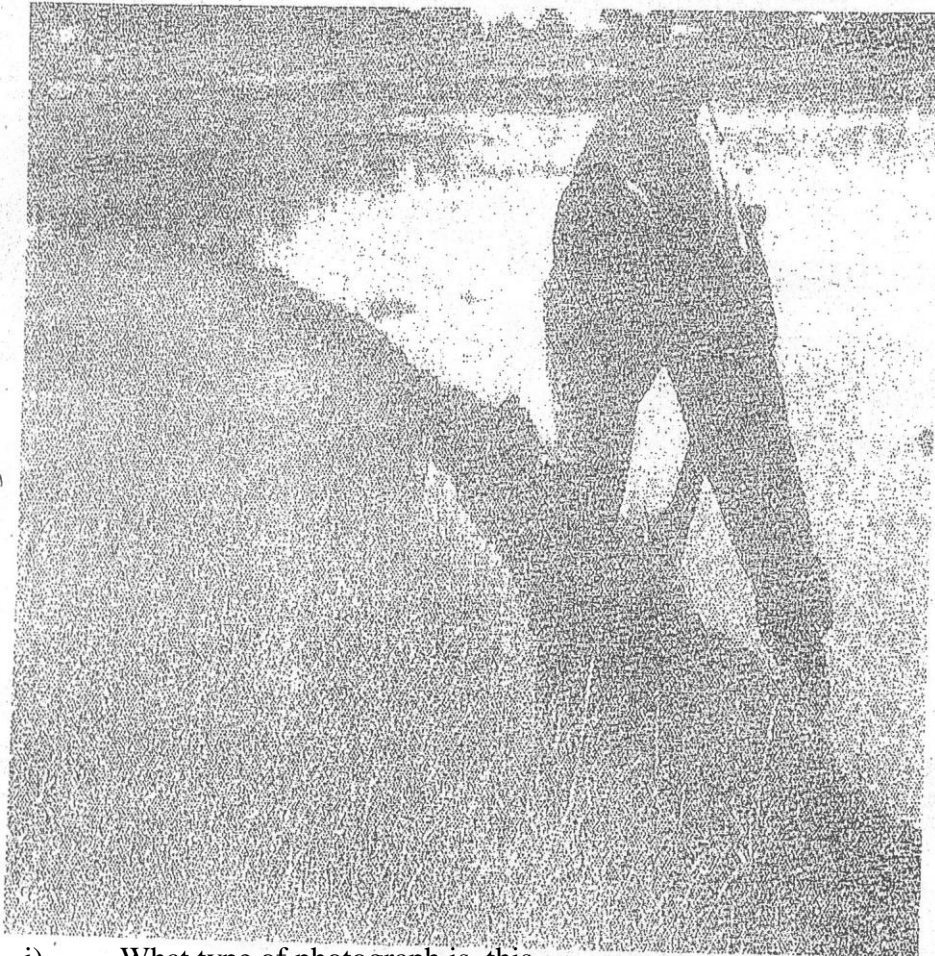
SECTION A

1. a) What three problems are experienced in Kenya in reference to fluorspar mining?
b) List two possible solutions to the problems facing mining in Congo DRC.
2. a) Give two hindrances to the full rehabilitation of the Mau complex forest
b) List any three efforts carried out in Canada to conserve mau forests
3. a) Differentiate between land reclamation and land rehabilitation
b) Explain three ways of land rehabilitation employed in Kenya
4. a) i) Define fishing
ii) List one problem threatening fishing in Lake Turkana.
b) Differentiate between fishing in Kenya and Japan
5. a) Explain why domestic tourism is not well developed in Kenya
b) Of late tourists are diverting from Kenya to other destinations with East Africa region. Describe the effect of such trend on the tourist industry in Kenya.

SECTION B

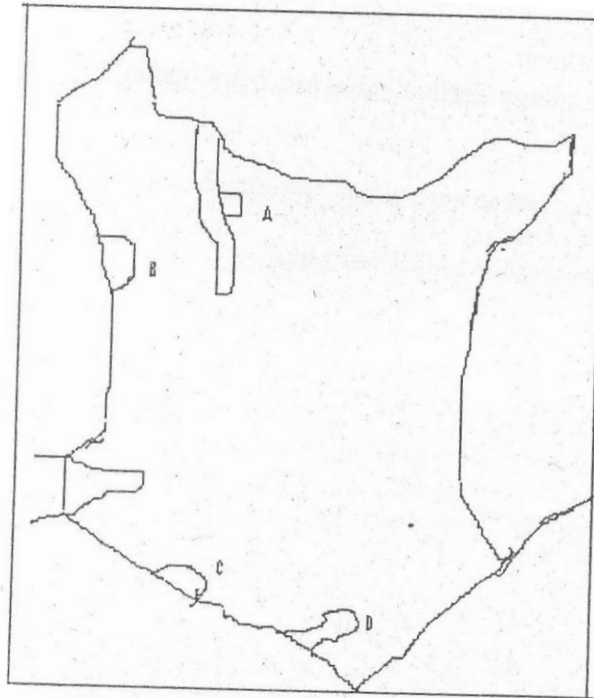
Answer questions six and any other two questions.

6. The photograph below shows a particular activity. Use it to answer the question that follows



- a. i) What type of photograph is this
- b. i) Describe the activity depicted in the photograph.
ii) Outline any three ways which the government has used to improve irrigation in Kenya
iii) What challenges do farmers face in the mwea – tebere irrigation scheme?
- c. Describe four benefits of the zuyder zee reclamation project in the Netherlands
7. a. i) List any three social factors that influence Agriculture
ii) State three physical factors that favour tea growing in Kenya
b. i) Describe coffee farming in Kenya from planting to harvesting
ii) Explain three ways in which the government of Kenya assists small scale tea farmers.
c. i) State four differences between coffee farming in Kenya and Brazil.
ii) Explain two factors that influence dairy farming in Netherlands
iii) Explain three problems experienced by pastoralists in Kenya

8. Use the map of Kenya below to answer the questions that follow.



- a.
 - i) List the difference between C and other wildlife entities marked A, B and D.
 - ii) Name the wildlife entities A,B, C and D
- b.
 - i) Describe the phenomenon that made the wildlife entity marked C to be declared the eight wonder of the world
 - ii) Explain four factors influencing tourism I Kenya.
- c.
 - i) Explain the effects of tourism on :
 1. The economy
 2. Socio – cultural set up of Kenya.
 - ii) Give four reasons why tourism is well develop in Switzerland
9. a) Name three major fishing grounds in the northern Hemisphere
- b) Explain how the following influence fishing on the northern hemisphere
 1. Ocean currents
 2. Technology
 3. Climate
 4. Indented coast line
- c. Explain why marine fishing is not well advanced in East Africa.
- d.
 - i) State three problems that face fishing in Kenya and suggest any possible solutions
 - ii) Why is Marindi along the coastline of Kenya ore advanced in fishing than other?
10. a) Define energy
- b)
 - i) Describe any four appropriate energy technologies which are green
 - c) i) Define global warming

- ii) What efforts are being made in order to curb global warming?
- iii) Describe four effects of global warming
- iv) What is satellite monitoring in regard to global warming?