

**P250/1
GEOGRAPHY
(Physical Geography)
Paper I
MAY 2014
3 hours**

S.6 TERM 1 2014 HOLIDAY WORK

GEOGRAPHY

PAPER I

3 HOURS

Answer **four** questions in all.

Section A is compulsory.

At least **one** question should be answered from Section B and **one** from Section C.
Credit will be given for the use of relevant sketch maps and diagrams and specific examples studied in the field.

SECTION A: PHOTOGRAPHIC INTERPRETATION

1. Study the photograph provided below and answer the questions that follow:



- a) Draw a landscape sketch of the area shown in the photograph and on it mark and name the following:
- Landform features.
 - Drainage feature.
 - Outcrop rocks.
 - Forested areas.
- b) i) In what stage of the long profile is the drainage feature shown in the photograph.
ii) Describe the characteristic features of the drainage feature shown in the photograph.
- c) Explain how the drainage feature can be utilized for the development of the area shown in the photograph.
- d) i) Identify the problems likely to be faced in developing the area shown in the photograph.
ii) Giving a reason for your answer, suggest an area in East Africa where this photograph could have been taken.

SECTION B:

2. Explain and justify Alfred Wegner's theory of continental drift.
3. How has the nature of rock structure influenced the development of Landform features in East Africa?
4. Assess the influence of volcanicity on lake formation in East Africa.
5. Account for the development of meanders in the middle and lower stages of a river valley.
6.
 - a) Examine the factors responsible for eustatic changes.
 - b) With reference to specific examples and diagrams, describe the evidence of sea level changes in East Africa.

SECTION C:

7. To what extent is relief responsible for rainfall distribution in East Africa?
8.
 - a) Explain how human activities have contributed to desertification in East Africa.
 - b) Examine the steps being taken to combat desertification in East Africa.
9.
 - a) Outline the characteristics of trade winds
 - b) Explain the influence of trade winds on the climate of East Africa.
10. Account for the variation in temperatures over the surface of the earth.