

**Geography and
Environment II**

006

18/11/2019

2PM – 5PM



Rwanda Education Board

ORDINARY LEVEL NATIONAL EXAMINATIONS, 2019

SUBJECT: GEOGRAPHY AND ENVIRONMENT

PAPER II: HUMAN AND ECONOMIC GEOGRAPHY

DURATION: 3 HOURS

INSTRUCTIONS:

- 1) Write your names and index number on the answer booklet as written on your registration form and **DO NOT** write your names and index number on additional answer sheets of paper if provided.
- 2) Do not open this question paper until you are told to do so.
- 3) This paper has **TWO** sections: **A** and **B**

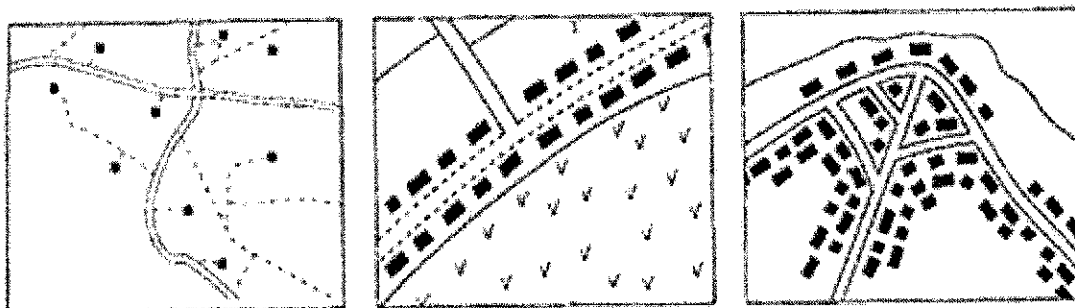
SECTION A: Attempt **all** questions. **(55 marks)**

SECTION B: Attempt any **THREE** questions. **(45 marks)**

- 4) Use only a **blue** or **black** pen.

SECTION A: Attempt all questions (55 marks)

- 1) Name two exotic breeds of dairy cattle reared in Rwanda. (2marks)
- 2) What are the advantages of using solar energy in Rwanda? (3marks)
- 3) Desert climate is mainly found in the sub-tropical high pressure belts between 20° and 30° of North and south of Equator.
Describe three characteristics of such a climate. (3marks)
- 4) Suppose you have been appointed Director General of Rwanda Environmental Management Authority, explain the measures you would put in place to conserve our natural environment. (5marks)
- 5) Describe four ways in which the threat of pests can be controlled in Rwanda. (4marks)
- 6) Explain four ways in which land is being rehabilitated in Rwanda. (4marks)
- 7) Study the photographs below and answer the question that follows:



What are the differences between the above three patterns of settlements? (6marks)

- 8) (a) What type of vegetation would you expect to find in a region that experiences a mean temperature of 27°C and receives annual rainfall of about 1,500mm per annum? (1mark)
(b) Describe four main characteristics of such vegetation. (4marks)
- 9) Why is it important to conserve water resources in Africa? (4marks)
- 10) Why do most African countries earn little foreign exchange from their agricultural or mineral exports? (4marks)

- 11) Despite the fact that river Nile flows over a long stretch of desert land, it has a large volume of water all year round. Explain. **(3marks)**
- 12) Give and explain four factors that have led to Kigali city being overpopulated. **(4marks)**
- 13) Although there are other forms of transport in the region, explain why water transport has been so vital to the Ruhr Industrial Region of Germany. **(4marks)**
- 14) New York and Nairobi are two cities that differ in size and facilities; but there are some problems that they have in common. Describe any four of those problems. **(4marks)**

SECTION B: Attempt three questions only (45 marks)

- 15) a) Communication is an important factor in economic development. Show how it has contributed to the economic development of Africa. **(6marks)**
- b) Explain the problems facing transport and communication in Africa. **(9marks)**
- 16) a) Explain the stages of reclamation of land from the sea in the Netherlands. **(8marks)**
- b) Describe the benefits of land reclamation in the Netherlands. **(7marks)**
- 17) a) Describe the factors that have influenced population distribution in China. **(5marks)**
- b) Explain disadvantages of a large population size to the economy of China. **(5marks)**
- c) What are the steps being taken by the Chinese government to solve the challenges of a large population? **(5marks)**

- 18) a) Describe how each of the following methods are used to catch fish:
- (i) Use of light. **(4marks)**
 - (ii) Hook and line method. **(4marks)**
- b) Suppose you have been appointed by the cabinet ministers as an expert in charge of water resource management, explain the measures you would put in place to conserve fish resources in Rwanda. **(7marks)**
- 19) a) Differentiate between open cast mining and shaft mining. **(2marks)**
- b) Explain the benefits of mining to national economies of African countries. **(6marks)**
- c) Discuss the difficulties caused by mining activities on the physical environment. **(7marks)**