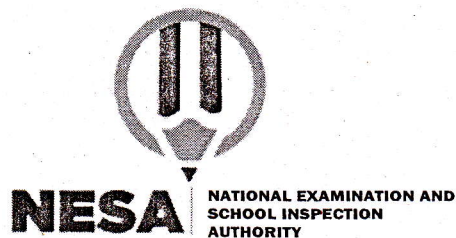


**Geography and
Environment II**

006

26/07/2021 2PM - 5PM



ORDINARY LEVEL NATIONAL EXAMINATIONS, 2020-2021

SUBJECT: GEOGRAPHY AND ENVIRONMENT II

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 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) What are problems facing the trans-Africa high way? **(2 marks)**
- 2) Describe three negative effects of urbanization in Africa. **(3 marks)**
- 3) Describe the issues associated with the development of industrialization in Germany. **(3 marks)**
- 4) (a) Differentiate between fecundity and sterility. **(2 marks)**
(b) Explain how government drainage policies influence population distribution in Rwanda. **(4 marks)**
- 5) Describe three physical factors that have led to the development of hydroelectric power on River Tana. **(3 marks)**
- 6) Explain three reasons why the Chief Executive Officer of Rwanda Development Board encourages domestic tourism in Rwanda. **(3 marks)**
- 7) Describe the problems facing marine fishing in Africa. **(3marks)**
- 8) Describe three ways in which the Government of Brazil solves problems faced by coffee farmers. **(3 marks)**
- 9) Explain how the social factors below influence agriculture in Africa:
 - a) Land tenure system. **(3 marks)**
 - b) Gender. **(2 marks)**
- 10) Describe three factors that limit trade among the member states of the East African Community. **(3 marks)**
- 11) Assume that you have been appointed as a member of the cabinet in the Ministry of Health, what measures would you put in place to reduce infant mortality rate in Rwanda?
(4 marks)
- 12) Explain the importance of industrialization to the development of United States of America. **(3 marks)**
- 13) a) What is meant by the term "indigenous cattle"? **(2 marks)**
b) Describe three advantages of keeping indigenous cattle in Africa. **(3 marks)**

- 14) Why is there such a large underdeveloped hydroelectric power potential in tropical Africa? **(2 marks)**
- 15) Classify the following wood types into tropical hardwoods and temperature hardwoods, (Oak, spruce, pine, ebony, maple and mahogany). **(4 marks)**
- 16) Explain problems resulting from industrial development in Rwanda. **(3 marks)**

SECTION B: ATTEMPT THREE QUESTIONS ONLY (45 marks)

- 17) Read the passage below carefully and answer the questions that follow:

In April 2014, there was a disease outbreak in Kamembe slum of Rusizi district which caused many deaths. People who had contracted the disease had the following symptoms: diarrhea, fever, stomachache and vomiting. On being diagnosed, it was confirmed that the disease was cholera and an epidemic.

- a) What is meant by the term “epidemic”? **(3 marks)**
- b) What are the economic effects of epidemics in an area? **(4 marks)**
- c) Explain the likely causes of this epidemic disease. **(4 marks)**
- d) Assume you were appointed by cabinet as a specialist in charge of epidemic diseases in the ministry of health in Rwanda, what prevention measures would you put in place to control the occurrence of such disease? **(4 marks)**
- 18) a) Describe four characteristics of dairy farming in Kenya. **(4 marks)**
- b) Explain the difficulties facing dairy farming in Kenya. **(6 marks)**
- c) Suppose you have been appointed as an advisor in charge of agriculture and animal husbandry in the East African Community, what innovations or techniques would you put in place to improve dairy farming in Kenya? **(5 marks)**

- 19) a) Draw a sketch map of Rwanda and on it, mark and label the following :
- (i) Cyamudongo forest. **(1 mark)**
 - (ii) Mukura forest. **(1 mark)**
 - (iii) Nyungwe forest. **(1 mark)**
- b) Explain challenges facing the exploitation of forests in Rwanda. **(7 marks)**
- c) Suppose you were in charge of Environmental management in Rwanda. Explain the measures you would put in place to conserve forests in Rwanda. **(5 marks)**
- 20) a) Describe how the site of New York has favoured its development as a port. **(5 marks)**
- b) Explain the problems created by the site of New York in its development as a port. **(5 marks)**
- c) Assume you have been appointed as an urban planner in New York, what measures would you put in place to overcome problems mentioned in (b) above? **(5 marks)**
- 21) a) What is meant by the term "biogas"? **(3 marks)**
- b) Explain the advantages and disadvantages of using biogas as a source of energy in African countries. **(12 marks)**