

Name: \_\_\_\_\_  
2528/205  
2022/205  
ENVIRONMENTAL RESOURCES  
MANAGEMENT AND ECONOMICS  
06th/Nov. 2013  
Time: 3 hours



Index No: \_\_\_\_\_  
Candidate's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

THE KENYA NATIONAL EXAMINATIONS COUNCIL  
DIPLOMA IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY  
MODULE II  
ENVIRONMENTAL RESOURCES MANAGEMENT  
AND ECONOMICS

3 hours

INSTRUCTIONS TO CANDIDATES

Write your name and index number in the spaces provided above.  
Sign and write the date of the examination in the spaces provided above.  
You should have a non-programmable scientific calculator for this examination.  
This paper consist of TWO sections: A and B.  
Answer ALL the questions in section A and any THREE questions from section B, in the spaces provided in question paper.  
Each question in section A carries 4 marks while each question in section B carries 20 marks.  
Candidates should answer the questions in English.

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SECTION A

For Examiner's Use Only

Question	1	2	3	4	5	6	7	8	9	10	TOTAL SCORE
Candidate's Score											

SECTION B

Question	11	12	13	14	15	TOTAL SCORE
Candidate's Score						

GRAND TOTAL

This paper consists of 16 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

SECTION A (40 marks)

Answer ALL questions in this section in the spaces provided.

1. Define the following terms as used in resources management:

(a) population density

(2 marks)

(b) optimum population...

(2 marks)

Name any four gases that contribute to global warming.

(4 marks)

3. State four ways through which urbanisation impacts negatively on the society.

(4 marks)

4. Name four regional economic integration in Africa.

(4 marks)

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5. List any three sources of renewable energy in Kenya.

6. Define the following terms:

(a) Free Trade Area

(2 marks)

(b) Customs Union

(2 marks)

7. Distinguish between Human Development Index (HDI) and Human Poverty Index (HPI).

(4 marks)

8. Explain the concept "demand-deficient unemployment".

(4 marks)

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9. State any four non tariff barriers to international trade. (4 marks)

10. Differentiate between export promotion and import substitution policies. (4 marks)

SECTION B (60 marks)

Answer any THREE questions from the six provided the spaces provided after question 15.

11. (a) Explain any five obstacles to industrial development in Kenya. (10 marks)  
(b) Explain any five roles of the informal sector in Kenya. (10 marks)
12. (a) Name the four policy measures used to correct the balance of payments deficits. (4 marks)  
(b) State any five differences between employed person and self-employed person. (10 marks)  
(c) Explain how the following affect economic development:  
(i) diversification of the economy. (3 marks)  
(ii) increase in national income. (3 marks)
13. (a) Define the following terms:  
(i) afforestation. (2 marks)  
(ii) agroforestry. (2 marks)

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(b) Table 1 shows minerals and places where they are mined. Match the minerals to the place where it is mined. (4 marks)

Table 1

Mineral	Place mined
Flintspar	Kenya
Limestone	Kenya valley
Diatomite	Julian Horro
Serpentine	Kericho

- (c) Explain any six factors that affect food production. (12 marks)
14. (a) Explain any five effects of aridity to agricultural production. (10 marks)  
(b) Explain any five characteristics of a sustainable economy. (10 marks)
15. (a) Explain any five factors that can lead to a decline in shifting cultivation practices. (10 marks)  
(b) Explain any five economic importance of wetland resources in Kenya. (10 marks)

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