

Name: \_\_\_\_\_ Index No: \_\_\_\_\_

2528/205  
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Candidate's Signature: \_\_\_\_\_

ENVIRONMENTAL RESOURCES  
MANAGEMENT AND ECONOMICS  
Date: \_\_\_\_\_

Oct/Nov 2012  
Time: 3 hours



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 examination in the spaces provided above.  
You should have a Non-programmable Scientific Calculator for this examination.  
This paper consists of TWO sections: A and B.  
Answer ALL the questions in section A and any THREE questions from section B.  
Each question in section A carries 4 marks while each question in section B carries 20 marks.  
Maximum marks for each part of a question are as indicated.  
Write all your answers in the spaces provided in this question paper.

For Examiner's Use Only

Section A											
Question	1	2	3	4	5	6	7	8	9	10	TOTAL
Marks											

Section B						
Question	11	12	13	14	15	TOTAL
Marks						
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.



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SECTION A (40 marks)

Answer ALL the questions in this section.

1. State any four advantages of irrigation agricultural systems in Kenya. (4 marks)

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2. Identify any four reasons that limit the use of biogas in Kenya. (4 marks)

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3. Distinguish between Restoration and Rehabilitation as used in Resources Management. (4 marks)

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4. Identify four alternative sources of energy available in Kenya. (4 marks)

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5. Distinguish between sequential land use and multiple land use. (4 marks)

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25/28/2015  
29/22/2015

2

6. State four advantages of wildlife resources in Kenya. (4 marks)

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7. Identify four economic characteristics of less developed countries. (4 marks)

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8. Distinguish between economic growth and economic development. (4 marks)

*Economic growth is the increase in the quantity of goods and services produced in an economy over a period of time. While development is the process of improving the quality of life and the economic well-being of a country.*

9. List any four economic migrations in Africa. (4 marks)

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10. Using sketches, differentiate between the population pyramid of a developed country and that of a developing country. (4 marks)

25/28/2015  
29/22/2015

3

Turn over

**SECTION B (60 marks)**

Answer any **THREE** questions from this section in the spaces provided after question 15.

- 11. (a) Explain any five problems facing farmers in Kenya. (10 marks)  
(b) Describe any five measures a country can put in place to minimize drought effects. (10 marks)
- 12. (a) Describe any five human activities that contribute to desertification. (10 marks)  
(b) Explain any five positive implications of a growing population on development. (10 marks)
- 13. (a) Explain any five benefits of Wetland Resources in Kenya. (10 marks)  
(b) Explain any five social cultural factors that enhance rapid population growth. (10 marks)
- 14. (a) Describe any five ways by which industrialization can enhance development of an area. (10 marks)  
(b) Explain any five challenges of planning in developing countries. (10 marks)
- 15. (a) Name the five Rosows's stages of development. (6 marks)  
(b) Define the following terms: (2 marks)  
(i) import substitution;  
(ii) export promotion. (2 marks)  
(c) Explain any five reasons why developing countries have changed from a policy of import substitution. (10 marks)



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2922/205

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2528/205  
2922/205