

2922/205

**ENVIRONMENTAL RESOURCE MANAGEMENT
AND ECONOMICS**

Oct. / Nov. 2021

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY

MODULE II

ENVIRONMENTAL RESOURCE MANAGEMENT AND ECONOMICS

3 hours

INSTRUCTIONS TO CANDIDATES

You should have an answer booklet 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 in the answer booklet provided.

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 shown.

Candidates should answer the questions in English.

This paper consists of 3 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 the questions in this section.

1. Explain **two** effects of rural-urban migration on the rural community. (4 marks)
2. Distinguish between ecological restoration and rehabilitation. (4 marks)
3. Describe **four** ways through which trees protect the environment. (4 marks)
4. Name **four** economic activities carried out on wetland resources in Kenya. (4 marks)
5. Distinguish between renewable and non-renewable sources of energy. (4 marks)
6. State **four** factors which determine the type of irrigation method used in Kenya. (4 marks)
7. Sketch a graph describing the difference between actual economic growth and potential economic growth. (4 marks)
8. Draw a graph describing the floating exchange systems used in international trade. (4 marks)
9. List the **four** levels of economic integration. (4 marks)
10. Explain each of the following strategies used to promote industrialization in Kenya:
 - (a) import substitution; (2 marks)
 - (b) export promotion. (2 marks)

SECTION B (60 marks)

*Answer any **THREE** questions from this section.*

11. (a) Describe each of the following types of unemployment witnessed in Kenya:
 - (i) open involuntary unemployment; (2 marks)
 - (ii) disguised or hidden unemployment; (5 marks)
 - (iii) structural unemployment. (5 marks)
- (b) Explain **four** benefits to Kenya for being a member of International Monetary Fund. (8 marks)

12. (a) Explain **five** challenges faced by Kenya as a member of East Africa Community(EAC). (10 marks)
- (b) With the aid of a diagram, describe how unemployment contributes to poverty in urban Kenya. (10 marks)
13. (a) Describe **five** measures undertaken by the Government of Kenya to conserve energy. (10 marks)
- (b) Explain **five** merits of an optimum population on development. (10 marks)
14. (a) (i) Define the term desertification. (2 marks)
- (ii) Explain any **four** human activities which cause desertification. (8 marks)
- (b) Describe **five** uses of energy resources in the Kenyan society. (10 marks)
15. (a) (i) Distinguish between bilateral and multilateral types of economic relations. (4 marks)
- (ii) Explain **three** ways through which agriculture contributes to the achievement of the Kenya vision 2030. (6 marks)
- (b) Explain any **five** common characteristics of developing countries. (10 marks)

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