

2910/304
MANAGEMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT
Oct./Nov. 2022
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL
DIPLOMA IN SUSTAINABLE AGRICULTURE
AND RURAL DEVELOPMENT

MODULE III

MANAGEMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

3 hours

INSTRUCTIONS TO CANDIDATES

*This paper consists of EIGHT questions in TWO sections; A and B.
Answer a total of FIVE questions, taking TWO questions from section A, TWO questions
from section B and ONE question from either sections A or B, in the answer booklet provided.
All questions carry equal marks.
Maximum marks for each part of a question are indicated.
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: MANAGEMENT OF NATURAL RESOURCES

Answer at least TWO questions from this section.

1. (a) (i) Differentiate between renewable and non-renewable resources. (10 marks)
(ii) Explain three categories of renewable resources. (10 marks)
- (b) Explain five factors limiting exploitation of natural resources in Kenya. (10 marks)
2. (a) Describe Environmental Impact Assessment (EIA) under the following:
(i) principles;
(ii) strengths. (10 marks)
- (b) Explain resource mapping under the following:
(i) meaning;
(ii) topographic maps;
(iii) thematic maps. (10 marks)
3. (a) Highlight six effects of COVID-19 pandemic on the mining sector. (6 marks)
- (b) Describe air pollution with respect to:
(i) causes;
(ii) effects. (14 marks)
4. (a) Highlight the guiding principles of the Ministry of Environment and Forestry. (6 marks)
- (b) Outline six strategies used in conservation of land based natural resources. (6 marks)
- (c) (i) Distinguish afforestation from re-afforestation.
(ii) Highlight four benefits of forests. (8 marks)

SECTION B: COMMUNITY DEVELOPMENT

Answer at least **TWO** questions from this section.

5. (a) Highlight six roles of leadership in community development. (6 marks)
- (b) Outline six roles of a project manager in project implementation. (6 marks)
- (c) Outline the steps involved in project management cycles. (8 marks)
6. (a) Describe collaborating conflict management technique under the following:
- (i) meaning;
 - (ii) advantages;
 - (iii) disadvantages. (10 marks)
- (b) Describe gender analysis under the following:
- (i) meaning;
 - (ii) importance. (10 marks)
7. (a) Explain the basic social services in a disaster situation. (10 marks)
- (b) Describe the philosophy of community development. (10 marks)
8. (a) Highlight the government interventions as stipulated in Kenya Youth Development Policy of 2019. (10 marks)
- (b) Explain five principles of participatory approach. (10 marks)

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