

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THARAKA COLLEGE

**EXAMINATION FOR THE AWARD OF DEGREE OF
DIPLOMA IN EDUCATION PRIMARY OPTION**

PNAR 0163: NATURAL RESOURCES

STREAMS: DIP (EDUC) P P/T

TIME: 2 HOURS

DAY/DATE: TUESDAY 03/12/2019

11. 30 AM – 1.30 PM

INSTRUCTIONS:

- **Answer Question ONE and any other TWO questions**
- **Use sketch maps and diagrams whenever they serve to illustrate an answer**

Question One

(a) Define the following terms:

- | | |
|------------------------------|-----------|
| (i) Virgin resources | [3 marks] |
| (ii) Resource reuse | [3 marks] |
| (iii) Environmental resource | [4 marks] |

(b) Explain what is meant by the phrase “Bubble Pattern of Resource Depletion”
marks] [8

(c) Explain with examples the concepts of recycling and pre-cycling of Resources.
marks] [12

Question Two

(a) Biodiversity can fuel industrialization. Explain briefly. [10 marks]

(b) List and explain the causes of loss of biodiversity. [10 marks]

Question Three

- (a) Define the term environment management. [5 marks]
- (b) List and explain three options of natural resource management. [5 marks]
- (c) Differentiate renewable resources from non-renewable resources. [5 marks]
- (d) State the rationale for resource conservation. [5 marks]

Question Four

- (a) Define environmental resources. [4 marks]
- (b) Explain why renewable resources are preferred over non-renewable natural resources. [8 marks]
- (c) Identify 4 types of natural resources in their locality and show their importance in life. [8 marks]

Question Five

Use of renewable natural resources is friendlier to environment compared to non-renewable resources. Discuss. [20 marks]
