

CHUKA



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EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

ENSC 322: ENVIRONMENTAL FORESTRY

STREAMS: BSC ENSC Y3S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 13/12/2018

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

- **Answer all the questions in section A and any other TWO questions in section B**
- **Do not write anything on the question paper**

SECTION A (30 MARKS)

1. Write short notes on the following terms as used in environmental forestry.
 - (a) REDD + + [2 marks]
 - (b) Carbon credits [2 marks]
2. Highlight six thematic elements of sustainable forest management. [6 marks]
3. Outline four principles of good forest governance. [4 marks]
4. Outline the various types of property rights a forest user is entitled to in regards to common pool resources. [5 marks]
5. Briefly describe the classification of Kenyan forestry according to Peltoniemi, 2004. [6 marks]
6. Outline five ecological benefits of forests. [5 marks]

SECTION B (40 MARKS)

7. Discuss the significance of gender equality and social inclusion in forest management.

[20

marks]

8. (a) Discuss the role of indigenous communities in forest landscape restoration.

[10

marks]

(b) Discuss the key drivers of deforestation in Kenya. [10 marks]

9. (a) The government of Kenya suspended logging in all forests in the country on 26th February 2018 in an effort to conserve the dwindling forest resources in the country.

Discuss the environmental and economic implications of this ban. [20 marks]
