

CHUKA



UNIVERSITY

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

ENSC 322: ENVIRONMENTAL FORESTRY

STREAMS: BSC. ENSC (Y3S2)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/07/2021

5.00 P.M. – 7.00 P.M.

INSTRUCTIONS:

- Answer all question in Section A and any other Two in section B
- Do not write anything on the question paper

SECTION A: (30 MARKS)

1. Briefly discuss the following terms as used in Forestry
 - (a) Invasive species. (2 marks)
 - (b) Green zone. (2 marks)
 - (c) Forest management plan. (2 marks)
2. Briefly discuss various characteristics of invasive species. (4 marks)
3. Explain various offences and penalties as prescribed in Kenya forest Act 2016. (5 marks)
4. Explain the benefits of forest fires in forest management. (5 marks)
5. Discuss ecological benefits of agroforestry. (5 marks)
6. Briefly discuss the roles of Kenya forest service (KFS). (5 marks)

SECTION B: (40 MARKS)

7. a) Briefly discuss forest user rights that may be conferred by the Kenya forest service to community forest association. (10 marks)

b) Discuss the contribution of forest in addressing challenges relating to climate change.
(10 marks)

8. a) Briefly discuss community forestry governance in relation to forest management.
(10 marks)

b) Discuss the goals objectives of forest management. (10 marks)

9. Discuss the classification of Kenya forest block as per peltorrine classification.
(20 marks)

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