

UNIVERSITY OF KABIANGA

SCHOOL OF NATURAL RESOURCE AND ENVIRONMENTAL MANAGEMENT SEMESTER ONE  
2017/2018

FOR 218 CONSERVATION OF NATURAL FORESTS AND WOODLANDS

MAIN EXAMINATION

Marks = 70

Time allowed 3 Hour

Instructions to Candidates: Answer all questions in section A and any two questions in section B.

SECTION A: (30 MARKS)

1. Explain the following concepts and their relevance in Sustainable Development Goals
  - a) IUCN 4 marks
  - b) Conservation 4 marks
  - c) Conservation status of a taxon 4 marks
2. Distinguish the following terms as used in forest conservation
  - a) Forest degradation and deforestation. 4 marks
  - b) Forest rehabilitation and restoration 4 marks
3.
  - a) Describe a high conservation value forest area 4 marks
  - b) Explain how grazing and charcoal production are major conservation threats of dry woodlands of Kenya 6 marks

SECTION B – 40 MARKS

4.
    - a) Explain conservation value assessment 5 marks
    - b) Discuss four main criteria used to assess species' conservation status 15 marks
  5. Discuss uniqueness of conservation values of the mangrove and montane natural forests in Kenya. 20 marks
  6. Discuss threats and conservation options for:
    - a) *Prunus africana* in Kenya 10 marks
    - b) *Osyris lanceolata* (Sandalwood) in Kenya 10 marks
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