



**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF DIPLOMA IN  
ECOTOURISM AND HOSPITALITY**

**TOHM 0121: PLANT COMMUNITIES OF EAST AFRICA**

**STREAM: DIP. (ECOTOURISM & HOSP.)**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 27/7/2010**

**2.30 P.M. – 4.30 P.M.**

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**INSTRUCTIONS:**

ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO IN SECTION B.

**SECTION A: (30 MARKS)**

1. Define the following terms:
  - (i) Biome [1 mark]
  - (ii) Angiosperm [1 mark]
  - (iii) Pollination [1 mark]
  - (iv) Herbarium [1 mark]
  - (v) Epiphyte [1 mark]
  - (vi) Community [1 mark]
  
2. Describe the characteristics of tropical rain forest. [6 marks]
  
3. List the factors that determine plant community distribution. [6 marks]
  
4. Discuss briefly the objectives of plant taxonomy. [6 marks]

5. Describe any three ecological zones of East Africa and their associated plant communities. [6 marks]

**SECTION B (40 MARKS)**

6. Giving specific examples explain the cultural-economic values of wild plants in East Africa. [20 marks]
7. Giving examples from Kenya discuss the impacts of overexploitation of forests on the environment. [20 marks]
8. Write an essay on the conservation of plant communities in East Africa. [20 marks]
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