



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, Ahmadu Bello Way, Victoria Island, Lagos

School of Science & Technology
October, 2013 Examination

COURSE CODE: ESM 328

COURSE TITLE: BIODIVERSITY CONSERVATION

TIME: 2hours

Instruction: Answer 4 questions only

1. Discuss the various economic, ecological, social and environmental benefits of tropical forests
(17½ marks)
2. Critically examine the impacts of proximate and ultimate factors in the loss and extinction of biodiversity.
(17½ marks)
3. Elaborate the various ways biological diversity can be successfully conserved.(17½marks)
4. a) Define the following terms
i Biological diversity
ii Landscape
iii Landscape Diversity
(6marks)

b) Explain two methods of waste management and disposal being applied by industrial establishments
(11½marks)
5. Discuss Non-climate factors driving climate change
(17½marks)
6. Climate change is one of the most critical global challenges of biodiversity. Discuss.
(17½marks)