



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION

COURSE CODE: ESM328

COURSE TITLE: BIODIVERSITY CONSERVATION

TIME ALLOWED: 2HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

- (1) What is biodiversity? Discuss the concept of “types of species”.
- (2) Itemize any four (4) each of the economic, ecological, social and environmental benefits of tropical forests
- (3) Discuss invasion by alien species as one of the factors responsible for biodiversity loss and enumerate any three (3) other factors linked to man that are responsible for this phenomenon.
- (4) Write short notes on each of the following as methods of conservation. Government initiatives, incentives and rebate, information programme and voluntary protection.
- (5) What is climate change mitigation and adaptation? Discuss afforestation as a climate change mitigation strategy to prevent loss of biodiversity.
- (6) Differentiate between Biological diversity, Landscape and Landscape Diversity.