

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2011/2012 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 513 (2 units)

COURSE TITLE: Biodiversity studies

INSTRUCTIONS: Answer any four (4) questions of your choice. Credit will be given for the use of specific examples and appropriate diagrams.

TIME ALLOWED: 2 ½ Hours

1. Discuss any three (3) factors that may cause the extinction of Biodiversity. **(15 MKS)**
2. Using specific examples, explain the different levels at which biological diversity is usually considered. **15 MKS)**
3. Give an account of the different natural services a healthy Biodiversity may offer. **(15 MKS)**
4. 'Species depend on each other'. Expatiate **(15 MKS)**
5. Discuss any three of the following
 - i. Relationship between climate change, Biodiversity and Ecosystem **5MKS**
 - ii. Sustaining Biodiversity using species and Ecosystem approach **5MKS**
 - iii. Remote Sensing in Gap analysis and Habitat mapping **5MKS**
 - iv. Biodiversity conventions and treaties **5MKS**
6. Discuss the role of National Parks in the sustainable management of Biodiversity. **(15 MKS)**