

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 513 (3 units)

COURSE TITLE: BIODIVERSITY STUDY

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

TIME ALLOWED: 3 Hours

1. Discuss any three of the following;
 - I. Sustaining Biodiversity
 - II. Climate change, Biodiversity and Ecosystem
 - III. Inventory and assessment of Biodiversity
 - IV. Biodiversity convention and treaties.
 - V. How diversity of flora affect diversity of fauna
2. Discuss any **four** factors that may cause the extinction of Biological diversity and the consequences of such extinction.
3. List and explain the three componenst under which Biodiversity may be considered.
4. With specific examples discuss social benefit as a natural service obtained from Biological Diversity.
5. Discuss the role of Biodiversity in creating and maintaining the Ecosphere.
6. Explain in detail the statement that 'Each specie depends on the services provided by other species for survival'.