

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

**FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE EXAMINATION**

**COURSE CODE:** REM 513 (3 units)

**COURSE TITLE:** Biodiversity Study

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

**TIME ALLOWED:** 2½ Hours

1. Discuss the value of biodiversity components.
2. Explain any five (5) factors associated with the extinction of biological diversity.
3. Identify and describe the contribution of remote sensing to biodiversity assessment.
4. Attempt an explanation of the view that a healthy natural biodiversity offers many natural services.
5. Discuss the statement “ A given species depend on the services provided by other species to ensure survival”
6. Briefly discuss any three (3) of the following
  - a. Inventory and assessment of biodiversity
  - b. Habitat mapping
  - c. Sustaining biodiversity using ecosystem approach
  - d. Sustaining biodiversity using species approach

