

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND SCIENCE EDUCATION
DEPARTMENT OF GEOGRAPHY
FIRST SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 413 (3units)

COURSE TITLE: Natural Resource Evaluation

INSTRUCTIONS: Answer any four (4) questions. Credit will be given for relevant illustration and examples.

TIME ALLOWED: 3Hours

1. Describe the fundamental principles of natural resources availability across the globe
2. Identify and describe the prospect and problems of the major resource types in Nigeria
3. Describe in detail the spectral characteristics of the water body and justify its role in global fresh water resource evaluation and management
4. Discuss specific applications of vegetation indices for agricultural resource monitoring and management in Nigeria
5. With illustrations and example, describe the role of remote sensing and GIS in forest resource inventory and management
6. Explain in detail the potentials of remote sensing applications in geological resource exploitation and management.