

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



FIRST SEMESTER 2009/2010 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 413

COURSE TITLE: Natural Resources Evaluation

Instructions: Answer any four questions. Credit will be given for relevant illustrations and examples

TIME ALLOWED: 2½ Hours

1. Attempt a justification of the use of remote sensing system in resource evaluation and monitoring.
2. Describe the fundamental applications of vegetation indices in agricultural resource evaluation.
3. Explain the spectral characteristics of water and their applications in water resource monitoring.
4. Critically examine the potentials of remote sensing in forest resource monitoring and management.
5. Discuss the global features and factors of desertification.
6. Using suitable illustrations and examples, examine the physical features of urbanization in Nigeria.