

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

FIRST SEMESTER 2010/2011 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 413

COURSE TITLE: Natural Resource Evaluation

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

TIME ALLOWED: 2½ Hours

1. With reference to specific examples, discuss the role of optical and microwave sensors in natural resource evaluation.
2. Describe in detail the spectral features of water body relevant in remote sensing applications.
3. Discuss the fundamental applications of Vegetation Indices in agricultural resource evaluation
4. Identify and describe the trend in sustainable forest resource management in Nigeria.
5. Give an explanatory account of the physical and human factors of desertification.
6. Examine the physical features of urbanization on natural landscape in Nigeria.

