

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

FIRST SEMESTER 2013/2014 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: REM 517P (2 Units)

COURSE TITLE: Urban and Regional Applications

INSTRUCTIONS: Answer **Qn. 1** and any two other questions.

TIME ALLOWED: 2 Hours

1. Considering climate and farming activities in the Third World, explain how extensive gold mining could affect farming activities, deforestation and erosion problems and how to detect the various impact using satellite images.
2. Discuss the major environmental impacts of urbanisation on peri-urban areas.
3. Give the spatial differences and linkages between urban and rural areas.
4. Explain how disease incidence could be mapped using remotely-sensed data.
5. Explain how middle urban population density could be modelled using remote sensing imagery.