

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

SECOND SEMESTER 2009/2010 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE; GRY 524
COURSE TITTLE; SOIL GEOGRAPHY
ATTEMPT FOUR QUESTIONS ONLY
TIME ALLOWED 2HRS

- [1.] Define soil and describe its functions
- [2] Examine the role of climate and parent materials in the evolution of soils
- [3] Give a detailed outline of the role of any four of the following in soil profile differentiation:
 - [1] Organic sorting
 - [11] precipitation
 - [111] illuvation
 - [1v] eluvation
 - [v]leaching
 - [v1]organic accumulation
- [4] Write an essay on the relationship between soil geography and soil science and pedology
- [5] Describe the process of soil erosion and its socio- economic implications in any part of Nigeria that you have studied.
- [6] Appraise current National programs and action plans on soil conservation in Nigeria.

