

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

SECOND SEMESTER 2013/2014 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 524 (2UNITS)

COURSE TITLE: SOIL GEOGRAPHY

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS. CREDIT WILL  
BE GIVEN FOR RELEVANT ILLUSTRATIONS AND EXAMPLES

TIME ALLOWED: 2½HOURS.

1. Identify and discuss the major differences between soil texture and soil structure
2. Using specific examples, explain any four (4) factors that affect soil formation
3. Soil has been described to function in the economy of nations. Discuss.
4. Appraise the current national programmes and action plans on soil conservation in Nigeria
5. Critically examine the process of soil erosion and its socio-economic implications in any part of Nigeria.
6.
  - a. Sketch a complete labelled diagram of simple soil profile
  - b. Describe the characteristics of the zones in the soil profile drawn in (a) above, and give reasons for each characteristics