

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

FISRT SEMESTER 2011/2012 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 524 (2 Units)

COURSE TITLE: SOIL GEOGRAPHY

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

TIME ALLOWED: 2 Hours

1. Define soil and discuss its functions.
2. Name two types of soil erosion with specific examples and describe its effect on any part of Nigeria you have studied.
3. Differentiate between the following: Soil texture, Soil mixture and soil structure
4. Critically examine the National policy on soil erosion conservation in Nigeria.
5. Discuss three factors of soil formation and explain why soil management has become a sustainability issue in the driest ecological zones of Nigeria.
6. Discuss the importance of any two of the following with emphasis on associated human activities;
  - I. Illuviation
  - II. Elluviation
  - III. Soil acidity