



NATIONAL OPEN UNIVERSITY OF NIGERIA
KM 4 Kaduna – Zaria Expressway, Rigachikun, Kaduna
Department of crop and soil science
FACULTY OF AGRICULTURAL SCIENCES

2020_2 EXAMINATION

COURSE CODE: SLM 504
COURSE TITLE: Anthropogenic Impact of Land

INSTRUCTION:

Answer questions one (1) and any other three (3) questions.

1.
 - a. Explain the concept Soil from the perspectives of the different categories of different land users as given in the text. (15marks)
 - b. Outline any five (5) benefits derived from soil organic matter as a property of soil. (10 Marks)
2. Describe extensively the elements improving land usage and cover changes. (15 Marks)
3.
 - a. Broadly discuss Soil nutrients as an important factor for crop development and growth. (5 Marks)
 - b. Write short notes in difference between Soil Flora and Soil Fauna. (10 Marks)
4. Describe elaborately all the factors participating in the improving of land use and land cover changes. (15 Marks)
5.
 - a. Highlight the useful characteristics of soil micro-organisms? (5 Marks)
 - b. Explain the process used in correcting Salt-affected Soils (10 Marks)
6.
 - a. Describe the techniques used in studying microbial communities groups based. (11 Marks)
 - b. State the four (4) factors that promote the characteristics of root substance secretion known also as exudates. (4 Marks)