

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF GEOGRAPHY

FIRST SEMESTER EXAMINATION, 2015/2016 SESSION

COURSE CODE: GRY311 (3UNITS)

COURSE TITLE: INTRODUCTION TO GEOMORPHOLOGY

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

1. With relevant examples discuss the process and formation of metamorphic rock and how does it differ from other rock types? (15 marks).
2. A) Explain the term faulting and its genesis in geomorphology (6 marks).
B) With the help of relevant diagrams, describe any three features formed as a result of faulting (9 marks).
3. From your knowledge of the introduction to geomorphology as an arm of geography, examine the relevance of its teaching within the context in Nigeria (15 marks).
4. Justify the view that plant and soil in the knowledge of soil geography, has symbiotic relationship in nature (15 marks).
5. Describe with examples the nature and origin of the second order relief form of the continent of Africa (15 marks).
6. A) Examine the role of parent materials and living things in the process of soil formation (6 marks).
B) Describe any three physical properties of soils (9 marks).