

Bago University
Department of Geography
First Semester Examination, March 2019

Fourth Year (BA)
(Geography Specialization)

Geog. 4101
Geomorphology I
Time allowed (3) hours

Answer FIVE question. Illustrate your answer with sketch map and diagram wherever necessary.

1. Elucidate the role of cause-and effect and threshold concepts in geomorphology.
2. What is “diastrophism”? Present a comprehensive account of the global tectonics.
3. Discuss the importance of meaningful vertical displacement rates in geomorphology.
4. What does the term “decomposition” mean? Write an introduction to chemical weathering and soils.
5. Examine the most important criteria which can be used to distinguish the horizons of a soil profile.
6. Explain the initiation of channels.
7. Write a detail account of linear morphometric and areal morphometric relationships.
8. Define the terms “micropiracy” and “cross-grading.” Assess their importance in the development of stream networks.
