

Bago University
Department of Geology
First Semester Examination, March 2019

Third Year
(Geology Specialization)

Geol. 3102
Sedimentary Petrology I
Time Allowed: (3) Hours

Answer any Five questions with appropriate sketches wherever necessary.

1. Discuss the physical weathering.
 2. Describe the formation of sedimentary rocks and continental environments.
 3. Explain about the following:
 - (a) Conglomerate and breccia
 - (b) Sandstone and shale
 4. Explain about the following:
 - (a) Graded bedding
 - (b) pH effect on the depositional environment
 5. Write down the following:
 - (a) Classification of sedimentary rocks
 - (b) Erosion process
 6. Discuss about the following:
 - (a) Lithification and diagenesis
 - (b) Cementation
 7. Describe some important chemical parameters of depositional environments and explain **any three** of them.
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