

Bago University
Department of Geology
First Semester Examination, March 2019

Second Year
(Geology Specialization)

Geol. 2102
Structural Geology and Tectonics I
Time Allowed: (3)Hours

Answer any Five questions with appropriate sketches wherever necessary.

1. Explain the tectonic landforms of strike-slip faulting.
 2. Write notes on the following:
 - (a) Concept of the detail structural analysis
 - (b) Recognition of bedding
 3. Fully discuss about the types of force and strain.
 4. Describe the types of fold based on the direction of closing, attitude of axial surface and size of interlimb angle.
 5. Explain the features on fault plane and fault rocks.
 6. Briefly discuss the surface morphology and origin of joints.
 7. Write notes on the following:
 - (a) Intergranular movements
 - (b) Factors controlling behavior of materials
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