

Bago University
Department of Geology
Second Semester Examination, September 2019

Second Year
(Geology Specialization)

Geol. 2106
Structural Geology and Tectonics II
Time Allowed: (3) Hours

Answer any Five questions with appropriate sketches wherever necessary.

1. Explain the relation of slaty cleavage to folds in three dimensions.
 2. Define the lineation. How do you classify the lineation?
 3. What is geosyncline? Explain the classification, present usage, characteristics of geosynclinal rocks and present status of geosynclinal theory.
 4. Discuss the evidences of the continental displacement.
 5. Which facts supported the idea of the spreading of the sea floor from the mid-ocean ridge?
 6. Write short notes on the following:
 - (a) Vine-Mathews' explanation of magnetic anomalies
 - (b) Frature cleavage
 7. What is plate? Classify the plate boundaries.
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