

題號： 70

科目：地質科學

節次： 4

國立臺灣大學107學年度碩士班招生考試試題

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一、解釋地質名詞：（各4分）

1. Turbidity current
2. Albedo
3. Graben
4. Moraine
5. Isostasy

二、簡答題

1. Explain the key concepts of Sea Floor Spreading and the cause of Magnetic Anomalies (12分)
2. Compare/contrast continental and oceanic crust in terms of their composition and physical properties (minerals, thickness, seismic wave speed, density, heat flow etc). (10分)
3. Not all earthquakes can cause tsunami damages. What kinds of earthquakes are potential to generate/produce tsunami waves? (8分)
4. What is "contour (等高線)"? (10分)
5. Reasons for classifying as "metamorphic rocks" (20分)
6. What are the three types of rivers? Describe the geomorphologic characteristics and depositional processes (20分)

試題隨卷繳回