

**Bago University**  
**Department of Geology**  
**Second Semester Examination, September 2019**

**Third Year**  
**(Geology Specialization)**

**Geol. 3108**  
**Igneous Petrology II**  
**Time Allowed: (3) Hours**

**Answer any Five questions with appropriate sketches wherever necessary.**

1. Fully explain about the granite and dacite of acid igneous rocks.
  2. Write short notes **any two** of the following:
    - (a) Rhyolite
    - (b) Syenite
    - (c) Diorite
  3. Give a full description on the petrography of gabbro.
  4. State in detail the petrography of ultrabasic igneous rocks.
  5. Discuss about the igneous activity at convergent boundary.
  6. Completely explain on the occurrence of igneous rocks in Myanmar.
  7. Briefly describe the granitoid rocks of Myanmar.
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