

**Bago University**  
**Department of Geology**  
**First Semester Examination, March 2019**

**First Year**  
**(Geology Specialization)**

**Geol. 1101**  
**Principles of Geology I**  
**Time Allowed: (3) Hours**

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

1. Fully describe about the internal structure of the earth.
  2. List down the physical properties of minerals and explain **any four** of them.
  3. Write notes **any four** of the following:  

(a) Biotite	(b) Quartz	(c) Olivine
(d) Baryte	(e) Malachite	(f) Graphite
  4. Write notes **any four** of the following:  

(a) Diorite	(b) Sandstone	(c) Coal and peat
(d) Rhyolite	(e) Slate	(f) Marble
  5. Give details on the forms and structures of intrusive igneous rocks.
  6. Describe about the sedimentary structures in detail.
  7. Write notes **any four** of the following:  

(a) Gypsum	(b) Wolframite	(c) Galena
(d) Calcite	(e) Orthoclase	(f) Hematite
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