

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

**Fourth Year**  
**(Geology Specialization)**

**Geol. 4104**  
**Photogeology and Remote Sensing**  
**Time Allowed: (3)Hours**

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

1. What is photology? Explain the interpretation of air photos for geologic uses.
  2. State in detail the scale of aerial photos.
  3. Write short notes on the following:
    - (a) Photographic tone
    - (b) Texture
    - (c) Pattern
    - (d) Relation to associated features
  4. Fully describe the identification of limestone from aerial photos.
  5. Briefly explain the interpretation of igneous rocks from aerial photos.
  6. Describe the aerial photo interpretation of river terraces.
  7. Describe the electromagnetic spectrum and radiation principles in remote sensing.
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