

Bago University
Department of Geology
Second Semester Examination, September 2019

Third Year
(Geology Specialization)

Geol. 3114
Advanced Surveying
Time Allowed: (3) Hours

Answer any Five questions with appropriate sketches wherever necessary.

1. What is surveying? Explain about the purposes and branches of surveying.
 2. How do you understand bearing? Discuss the different types of bearing.
 3. Why do we measure angles and directions in surveying? Fully describe about horizontal angles and their types.
 4. Briefly explain about "Tape and Offset Surveying".
 5. Define Levelling and describe different leveling instruments.
 6. Describe the steps to set up Theodolite station.
 7. What does "EDM" mean? Explain "EDM systems and EDM instruments".
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