

# Team TBL 7: Student Exam Questions for 2016

DUE: Wednesday, November 30, 2016

## Overview

The goal of this TBL is two-fold. First it provides a focused opportunity for students to review the course material. Second, it requires you to think critically about the important elements of the course and how they might be effectively tested in a final examination. This is accomplished by individuals generating questions (and answers) for each of the major subject areas covered in class. These will be handed in as an individual component of a TBL. In the Team TBL, you will discuss your questions and select one question (and answer) for each category. You will also provide an assessment for each question regarding why you think it is effective. Your final mark for each question (using the TBL grading system of 1-4pts) will depend upon your assessment of the question and your ability to convince us about your views. Some of these questions, perhaps slightly altered, will appear on the final examination. The team questions will be distributed for studying.

## Instructions

For the individual TBL you provided one question (and answer) for each of the topics listed below. If the question was intended to be a multiple choice style question a correct answer and at least two incorrect answers should be provided. The question could also have been a short answer, in which case only the question and a correct answer was needed. Questions that concerned the relevance of course material to a problem connected with geological engineering are particularly welcomed.

For the Team TBL your team will assess the individual questions (one from each team member) in each topic and select the question you feel has the greatest merit. The question/answer may be modified because of discussions. In presenting your selection explain why you think it is an effective question.

## Physical Properties

- Question
- Answer
- Why is this question effective?

## Magnetics

- Question
- Answer
- Why is this question effective?

## Seismic Refraction/Reflection/MASW

- Question
- Answer
- Why is this question effective?

## GPR

- Question
- Answer
- Why is this question effective?

## Electromagnetics

- Question
- Answer
- Why is this question effective?

## DC resistivity

- Question
- Answer
- Why is this question effective?

## Induced Polarization

- Question
- Answer
- Why is this question effective?



## Application in Engineering/Geology

- Question
- Answer
- Why is this question effective?