

## Soil Mechanics Exams Questions Solution

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### 14.330 SOIL MECHANICS Soil Composition, Soil ...

14.330 SOIL MECHANICS Exam #1: Soil Composition, Soil Classification, Soil Compaction, Hydraulic Conductivity, and Soil Stresses. Questions (2 Points Each - 20 Points Total): 1. You are given the following results from Atterberg Limits testing on a soil sample ( $w_p = 23\%$ ,  $w_L = 50\%$ ) collected from a boring on a local project site. What is the

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of the soil specimen, answer the following questions: (1) When a constant head permeability test was carried out under the conditions shown in figure (a), the flow of water through the soil specimen was  $120\text{ cm}^3/\text{min}$ . Calculate the coefficient of permeability of the soil.

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Experiences with transitioning to R/exams for multiple automated and randomized online exams in a soil mechanics course at Universität Innsbruck (UIBK). Guest post by Wolfgang Fellin (Universität Innsbruck, Division of Geotechnical and Tunnel Engineering). Background. Our exercises in soil mechanics are attended by about 120 students every year.

### Transitioning a Soil Mechanics Course to R/exams

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### Soil Mechanics And Foundation MCQ Questions & Answers ...

Question. 1 points. The water content of soil is defined as the ratio of. 1. volume of water to volume of voids in soil. 2. volume of water to volume of given soil. 3. weight of water to weight of air in voids. 4. weight of water to weight of solids of given mass of soil. Correct.

### Multiple Choice Questions on Soil Mechanics and Foundation ...

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