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SOIL MECHANICS and FOUNDATION Engineering MCQs. 6. Constant head permeameter is used to test permeability of a) silt b) clay c) coarse sand d) fine sand Ans:c. 7. A soil has a bulk density of 22 kN/m3 and water content 10 %. The dry density of soil is a) 18.6 kN/m3 b) 20.0 kN/m3 c) 22.0 kN/m3 d) 23.2 kN/m3 Ans:b. 8.

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Geo Technical Engineering and Foundation Engineering ...

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Soil mechanics mainly deals with Soil microstructure and its property. Foundation engineering related to design of foundation and pressure distribution deals with engineering properties of soil. Geotechnical engineering is the branch of civil engineering concerned with the engineering behavior of earth materials.

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Journal of the Soil Mechanics and Foundations Division ...

Geotechnical engineering, also known as geotechnics, is the branch of civil engineering concerned with the engineering behavior of earth materials. It uses the principles and methods of soil mechanics and rock mechanics for the solution of engineering problems and the design of engineering works. It also relies on knowledge of geology, hydrology, geophysics, and other related sciences. Geotechnical engineering is important in civil engineering, but also has applications in military, mining, petr

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