B.TECH. (SEMV) THEORY EXAMINATION 2019-20 GEOENVIRONMENTAL ENGINEERING Hours SECTION A Attempt all questions in brief. a. Write the scope of geoenvironmental engineering. b. What are the importance of soil physics? c. What are the different types of clay minerals?	ks: 70
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C I What are the different types of clay minerals /	
d. Define unsaturated soil.	
e. What do you mean by waste containment?	
f. What are the risk of contaminated site?	
g. Write principles of centrifuge modeling.	
SECTION B	
	3 = 21
a. Describe multiphase behavior of soil with neat sketch.	
b. What are the fundamental units of clay minerals? explain with neat sket	tch.
c. Explain the necessity of source reduction waste contaminate.	
d. Give the block diagram of a leachate treatment system and name all the	units.
e. Discuss 'Source Reduction Techniques' for a city of population 5 lakh.	9.
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