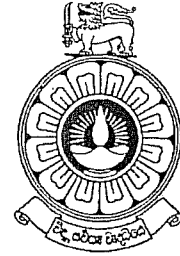


**THE OPEN UNIVERSITY OF SRI LANKA**  
**CENTRE FOR ENVIRONMENTAL STUDIES AND**  
**SUSTAINABLE DEVELOPMENT**



**M.Sc. IN ENVIRONMENTAL SCIENCES- LEVEL 08 - 2016/17**

**NEP2224–Environmental Geology and Health**

**NO BOOK TEST - 02**

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**DATE: 5<sup>th</sup> August 2017**

**DURATION: ONE HOUR**

**TIME: 1.00 pm – 2.00 pm**

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**Answer any of two (02) questions.**

1. (a) What are the factors initiate landslides? Briefly explain causative factors (Terrain factors) and Triggering events and how they contribute to slope failures (Landslides).  
(b) What are the imminent ground features one would observe in a potential Landslide area before a sliding occur?  
(c) How many districts are named as landslide prone in Sri Lanka by NBRO and what are them?
2. (a) Explain how do you measure the epicenter of the earthquakes.  
(b) Explain the chemical behaviour of iodine deficiency disorders (IDD) in human body.  
(c) What is dental fluorosis? What have been the trends in dental fluorosis in Sri Lanka?
3. (a) What is asbestos?  
(b) State the structure and composition of asbestos. Design a simple experiment to assess the possible environment impact based on asbestos products.

**END**

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