



Uva Wellassa University, Sri Lanka  
End Semester Examination – September/October 2012



MRT 371-1 Mineral Resources of Sri Lanka

Duration: One (01) hour

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Total four (04) Questions  
Answer all questions

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- 01) i. Write a brief account on the main geomorphological characteristics of Sri Lanka. (10 marks)
- ii. Broadly classify Sri Lanka's major geologic formations into different geologic ages. (15 marks)
- 02) Write a detailed account on the Quaternary System of Sri Lanka. Emphasize its importance as a repository of several economic mineral resources. (25 marks)
- 03) i. Briefly describe the occurrences of igneous rocks in Sri Lanka. (05 marks)
- ii. Describe the lithotectonic characteristics of the Sri Lankan Precambrian basement and illustrate its subdivisions. (10 marks)
- iii. Some sedimentary rocks in Sri Lanka belonging to the Tertiary period supply raw materials for a major mineral-based industry of the country. Explain the genesis of the deposits and their industrial application. (10 marks)
- 04) i. Write a critical account on Sri Lanka's current status in the context of world's mineral industry. (10 marks)
- ii. Describe the mode of occurrences and economic aspects of the following mineral resources of Sri Lanka. (15 marks)
- (a) Graphite  
(b) Phosphate  
(c) Kaolin clay