

Uva Wellassa University, Sri Lanka
End Semester Examination – March/April 2013
MRT 471-1 Mineral Industry, Regulations and Environment



Duration: One (01) hour

Answer All Questions

Answers should be elaborated with clear diagrams/sketches where appropriate



1. (i) How do you define (a) reserves, (b) reserve base and (c) resources? (8 marks)
- (ii) What are the major controlling factors in a mineral industry? (8 marks)
- (iii) Using your views, critically evaluate government regulations for gem industry in Sri Lanka. (10 marks)
2. Explain status of the world mineral industry, taking examples from developed and developing countries. (25 marks)
3. Briefly describe environmental pollutions and impacts associated with mineral industries. (25 marks)
4. Write short notes on **any three** of following, (24 marks)
 - (i) Mineral economics
 - (ii) EIA procedure in Sri Lanka
 - (iii) Finding a mineral deposit
 - (iv) Engineering factor in mineral industry
 - (v) Future trends of mineral industry