

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Science and Technology
200 Level 2nd Semester Examination - Jan.2018
MRT 261-2 Introduction to Mineral and Water Industries



Instructions to candidates

Duration: 02 hours

Four (04) Essay Questions

Answer all questions

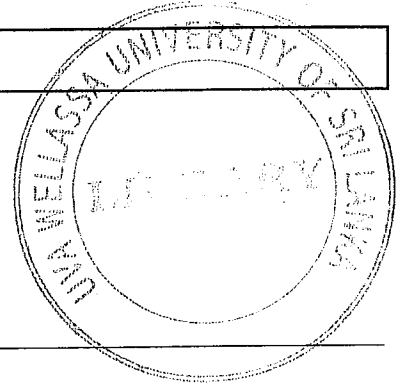
Answer Part A and B in separate Answer Booklets

Mark allocation: 100

Illustrate your answers with sketches/diagrams where necessary

The question paper should be returned

Index No.



Part A (01 Hour)

01. a. What is a mineral-based industry? (10 mark)
- b. Discuss the current state of mineral industry in Sri Lanka (15 mark)
- (Total 25 mark)

02. a. Briefly describe the process of value addition. (10 mark)
- b. In what ways can you apply your current knowledge to add value to the following minerals:
- i. Graphite
- ii Phosphate
- (15 mark)
- (Total 25 mark)

Part B (01 Hour)

01. a. List three (03) institutes that regulate water industry and environmental aspects in Sri Lanka, and briefly describe their scope and responsibilities. (15 mark)
- b. Giving three (03) different examples explain why the government's mediation is required in regulating the activities of private sector water related industries. (10 mark)
- (Total 25 mark)

- J2 a. What is the most popular packaging material in bottled water industry currently? Discuss the reasons that have led to its popularity. (15 mark)
- b. Discuss the importance of bottle closures in bottled water industry. (10 mark)
(Total 25 mark)

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