

THE OPEN UNIVERSITY OF SRI LANKA  
CERTIFICATE IN INDUSTRIAL ENVIRONMENTAL HAZARDS  
FINAL EXAMINATION – 2005/2006



MPI2308 – TEXTILE INDUSTRY AND INDUSTRIAL HAZARDS

008

DURATION – TWO HOURS

DATE: 11<sup>TH</sup> May 2006

TIME: 1330 - 1530hours

Answer 03 Questions only  
All questions carry equal marks.

- (Q1) Discuss the present status of the Sri Lankan Textile Industry and suggest how to improve the industry in present context.
- (Q2) Discuss possible environmental hazards caused by a Textile factory in Sri Lanka. Write a report to the factory manager suggesting measures to avoid such hazards. (You may use the experience of your factory visit)
- (Q3) Write major parameters, which are used to characterize the waste water and describe five of them.
- (Q4) (a) Discuss the importance of waste water treatment.
- (b) Describe following types of waste water treatment process:
- (i) Pre-treatment
  - (ii) Primary treatment
  - (iii) Biological treatment
- (Q5) Briefly describe the following process:
- (i) Scouring
  - (ii) Bleaching
  - (iii) Dyeing
  - (iv) Calendering
  - (v) Printing