

THE OPEN UNIVERSITY OF SRI LANKA
CERTIFICATE IN INDUSTRIAL ENVIRONMENTAL HAZARDS
FINAL EXAMINATION – 2006/ 2007



003

MPI2308 – TEXTILE INDUSTRY AND INDUSTRIAL HAZARDS

DURATION - TWO HOURS

Date: 24th March 2007

TIME: 0930 – 1130 Hrs

Answer 03 Questions only

All questions carry equal marks

- (Q1) (a)** Discuss the status of the textile industry in Sri Lanka under the liberalized economic policies.
- (b)** Discuss the importance of development of textile industry in present Sri Lankan context.

(Q2) Describe the following steps involved in the process of yarn manufacture:

- (i) Opening / Cleaning / Blending
- (ii) Carding
- (iii) Combing
- (iv) Drawing
- (v) Rowing
- (vi) Spinning

(Q3) Discuss possible environment hazards caused by a textile factory in Sri Lanka. Write a report to the CEO suggesting measures to avoid such hazards.

(You may use the experience of your factory visit.)

(Q4) Explain the following pollution parameters:

- (i) pH
- (ii) Bio-chemical Oxygen Demand (BOD)
- (iii) Chemical Oxygen Demand (COD)
- (iv) Amount of solids present in waste water

(Q5) Discuss how waste material is generated in textile industry.