



THE OPEN UNIVERSITY OF SRI LANKA  
CERTIFICATE COURSE IN INDUSTRIAL ENVIRONMENTAL HAZARDS  
FINAL EXAMINATION – 2007  
MPI 2308 – TEXTILE INDUSTRY AND INDUSTRIAL HAZARDS  
DURATION: TWO HOURS

014

---

Date: 11<sup>th</sup> May 2008

Time: 9.30 a.m. – 11.30 a.m.

---

Please answer any three questions

1. Briefly explain the following processes in Yarn preparation.
  - i) Winding
  - ii) Weft yarn preparation
  - iii) Warp winding
  - iv) Sizing
2. a) What is the main step in textile chemical processing in which the effluent water gets polluted.  
b) Discuss the major pollutant parameters in liquid waste water.
3. Write a short essay on 'Generation of waste in Textile Industry'
4. Analyze the impact of discharging the following pollutants;
  - i) Organic matter
  - ii) Suspended solid
  - iii) Nutrients
  - iv) Oil and grease
5. Propose a suitable water treatment method for a large scale textile processing industry.

