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**T 3502**

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2008.

Sixth Semester

Textile Technology

TT 1352 — TEXTILE CHEMICAL PROCESSING — II

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Batik printing?
2. State the importance of after-treatments of printed goods.
3. What do you mean by zero-zero finish?
4. Give examples for mechanical finishing.
5. Outline the features of crease-resist finish.
6. Enlist the finishes suitable for knitted goods.
7. What is ozone treatment of textile processing effluents?
8. Brief about ISO 14000 standards.
9. State the importance of waste minimisation in textile processing industry.
10. Brief about pollution control in textile processing industry.

**PART B — (5 × 16 = 80 marks)**

11. (a) Explain about various styles of printing in detail.

Or

(b) Write an elaborate note on print paste ingredients and recent developments in printing. (8 + 8)

12. (a) Explain about calendaring finishes in detail.

Or

(b) Give a detailed note on compacting and enzymes in finishing. (8 + 8)

13. (a) Write about Durable press finish and Antimicrobial finishes with suitable recipes. (8 + 8)

Or

(b) Explain about flame resistant finishes and garment processing in detail. (8 + 8)

14. (a) Give an elaborate note on treatment of textile processing effluents.

Or

(b) Write about textile industry waste water characteristics and problems associated with the waste water. (8 + 8)

15. (a) Critically analyse conservation of dye and finish chemicals and auxiliaries in textile processing industry. (8 + 8)

Or

(b) Discuss about scope of energy conservation in textile processing industry and export market requirements of processed fabrics. (8 + 8)