

H 1304

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Fourth Semester

Fashion Technology

FA 211 — DYEING, PRINTING AND POLLUTION CONTROL

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Outline the advantages of Jigger dyeing.
2. Why sodium chlorite bleaching is not widely used?
3. Enumerate the functions of compactor.
4. Comment on HT paddle garment dyeing machine.
5. Outline the features of transfer printing.
6. Briefly write about the working of chest printing machine.
7. What do you mean by sandblasting?
8. How do you impart stonewash finish on denim materials?
9. What is BOD?
10. Outline the role of spinning mills in air pollution.

PART B — (5 × 16 = 80 marks)

11. (i) Write in detail about different calendaring machines with neat sketches. (10)
- (ii) Describe the working of winch dyeing machine with a neat sketch. (6)

12. (a) Give a detailed note on soft flow dyeing and package dyeing machines.

Or

(b) Write short notes on :

(i) Relax dryers (8)

(ii) Garment dyeing machines. (8)

13. (a) Describe the working of rotary screen printing machine with a neat sketch.

Or

(b) Write short notes on :

(i) Screen making and engraving. (8)

(ii) Discharge style of printing. (8)

14. (a) Write about enzyme wash and acid wash in detail. (8 + 8)

Or

(b) Write short notes on :

(i) Peach finish. (8)

(ii) Wrinkle-free finish. (8)

15. (a) Write a detailed note on textile industrial effluent treatment techniques.

Or

(b) Write short notes on :

(i) Greenhouse effect and textile industries. (8)

(ii) Air pollution by Textile Industries. (8)