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

Sixth Semester

Textile Technology (Fashion Technology)

FT 1354 — CLOTHING CARE

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is the advantage of using trouser form press?
2. Classify the hardness of water in terms of ppm and suggest the hardness range for laundering.
3. Define saponification.
4. Enlist the different laundering aids and their functions.
5. Furnish the range of gelatinisation temperatures required for different starches.
6. Enlist the problems in using chlorine as bleaching agent.
7. Identify the means of removing the following stains :
 - (a) Meat juice
 - (b) Rust.
8. Why tumble driers are preferable in laundering?
9. What are the steps involved in the laundering of silk clothing?
10. Enlist the various principles of washing.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the salient features of pressing equipments used for pressing different components of garment.

Or

- (b) Explain the functioning of fusing machine for interlinings.

12. (a) Explain the principles of washing and rinsing adopted by different types of automatic washing machine.

Or

- (b) Differentiate between soap and detergents and explain the mechanism of other cleaning agents on fabric.

13. (a) Classify the stiffening agents with respect to its origin and explain the application of various stiffening agents in clothing.

Or

- (b) Explain the different mechanisms of imparting whiteness to the clothing material using optical whiteners.

14. (a) Classify stains based on their characteristics with suitable examples and the means of removing the same.

Or

- (b) Explain the various methods involved in washing clothes.

15. (a) Distinguish between house hold and industrial washing machines in terms of features and technology involved.

Or

- (b) Classify the loads in hotel laundering; explain the process of commercial laundering and distinguish between these two processes.