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R 3383

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2007.

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 purpose of steam and vacuum in industrial pressing?
2. Classify the hardness of water in terms of ppm and suggest the hardness range for laundering.
3. Distinguish between soaps and detergents.
4. Enlist the different laundering aids and their functions.
5. Furnish the range of gelatinisation temperatures required for different starches.
6. Define "Yellowing" in white garments. Suggest suitable method to remove the same.
7. Enlist the methods used for the identification of stains.
8. Why tumble driers are preferable in laundering?
9. What are the steps involved in the laundering of silk clothing?
10. Suggest the washing machine more suitable for usage in hospitals. How does it differ from other machines?

PART B — (5 × 16 = 80 marks)

11. (a) Explain the various purpose of pressing and discuss the salient features of pressing equipments needed for pressing different components of garment.

Or

- (b) Compare and contrast between the direct heating and indirect heating fusing equipments in terms of features and technology involved.
12. (a) Explain the principles of washing and rinsing adopted by different types of automatic washing machine.

Or

- (b) Discuss the recent developments, in case of cleaning agents used for laundry purpose.
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 blueing and tinting agents. Also mention the application of the same in other areas.
14. (a) Classify stains based on their characteristics with suitable examples and Explain the process of stain removal in their case.

Or

- (b) Explain the laundry cycle adopted for washing of various clothing made from cotton and linen.
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.