

**B.TECH DEGREE EXAMINATIONS: NOV/DEC 2012**

Seventh Semester

**FASHION TECHNOLOGY**

FTY121: Apparel Finishing And Care

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. Which one is a durable finish?
  - a) Mercerizing
  - b) Softening
  - c) Embossing
  - d) Calendering
  
2. -----is to add chemical finish on a substrate ;-----is to join two textiles into one structure with the chemical acting as the adhesive.
  - a) Calendering, curing
  - b) Coating, laminating
  - c) Laminating, coating
  - d) Coating, Calendering
  
3. Match the following  
P – Plasma technology ----- (i) self cleaning effect  
Q – Nanotechnology --- ----- (ii) colloidal antimony pentoxide  
R – Flame retardant finish – (iii) droplets are surrounded by a coating to give Small capsule  
S – Water proof finish ----- (iv) pollution free technology
  - a) P-iv, Q-i, R –ii ,S- iii
  - b) P-i, Q-ii, R –iii ,S- iv
  - c) P-ii, Q-iii, R –iv, S- i
  - d) P-iii, Q-iv, R –i, S- ii
  
4. -----is an alternative possibility for a formaldehyde-free crease resistant finish
  - a) DMeDHEU
  - b) DMDHEU
  - c) Starch
  - d) BTCA
  
5. -----enzyme is used for Bio polishing of cotton fabrics
  - a) Amylase
  - b) Cellulase
  - c) Catalase
  - d) Lipase
  
6. Crushed denim is produced by
  - a) Pumice stone
  - b) hot sand
  - c) special weft
  - d) enzyme wash
  
7. Hydrophilicity of polyester can be increased by



- b) Explain about different drying methods and curing process used after application of finishing chemicals
22. a) Explain in detail about the flame retardant and heat resistant finishes  
(OR)
- b) Discuss about the chemicals and functional mechanism of different types of easy care finishes
23. a) Explain in detail the process of special washing treatments carried out for Denim fabrics  
(OR)
- b) Write in detail about the different type of mechanical finishes carried over for wash down effects on dyed garments
24. a) Explain in detail the principle and application technique of micro encapsulated finishing on apparels  
(OR)
- b) (i) Write short notes on plasma based finishing treatments  
(ii) Nano finishing
25. a) Give the detailed classification of stains and explain the principles of stain removal methods  
(OR)
- b) (i) Explain about Garment laundry machines (7)  
(ii) Write short notes on Pressing equipments (7)

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