

B.TECH DEGREE EXAMINATIONS: MAY/JUNE 2013

Seventh Semester

FASHION TECHNOLOGY

FTY 121: Apparel Finishing And Care

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. _____ is a permanent finish.
 - a) Calendering
 - b) Softening
 - c) Mercerising
 - d) Stiffening
2. Easy care is a ----- process.
 - a) pad-cure
 - b) pad-dry cure
 - c) exhaust-dry-cure
 - d) both b & c
3. Moth proof finish is mainly applied for -----
 - a) Man-Made
 - b) Cellulosic
 - c) Animal
 - d) Synthetics.
4. Easy care is tested for its -----
 - a) Durable Press rating
 - b) Tensile strength
 - c) EPI & PPI
 - d) Pilling
5. Bio-polishing finish is applied during ----- process
 - a) Dyeing
 - b) Padding
 - c) Desizing
 - d) Bleaching
6. What are the types of stone available for Stone wash?
i) Pumice stones, ii) Manmade, iii) Substrates, iv) Perlite
 - a) i only
 - b) i & iv
 - c) ii & iv
 - d) i & iii
7. The plasma application in textiles are -----
 - a) High temperature plasma
 - b) Low temperature plasma
 - c) Atmospheric plasma
 - d) Both b and c.
8. Phase change materials in textiles, will be converted from ----- state when they release heat
 - a) Liquid to solid
 - b) Solid to gas
 - c) Liquid to gas
 - d) Solid to liquid

9. Grease stain can be identified by -----
- | | |
|---------------|------------------|
| a) Colour | b) Touch |
| c) Appearance | d) All the above |
10. The maximum temperature for ironing of cotton is -----
- | | |
|----------|----------|
| a) 180°C | b) 140°C |
| c) 100°C | d) 50°C |

PART B (10 x 2 = 20 Marks)

11. What is the process sequence for finishing?
12. What are semi-Durable finishes?
13. Give the recipe for soil release of cotton fabrics.
14. Give the recipe for anti static finish.
15. Give the application of resins in denim finishes?
16. Define Peach finish and how it is produced?
17. Give any four application area of Nano finishes in textiles
18. What are microcapsules? Define and give example?
19. Give the method of identifying any two stains.
20. Give the basic wash care symbols.

PART C (5 x 14 = 70 Marks)

21. a) Explain the classifications of finishing with different examples.
- (OR)**
- b) Give the application conditions for different finishes over Wool and Polyester.
22. a) Explain the process of Water proof and Flame Proof Finish.
- (OR)**
- b) What is anti microbial treatment? Explain the mechanism and application on cotton fabrics.
23. a) Explain the marble effect and Pseudo effect on denim with their finishing.
- b) Give notes on
- | | |
|-------------------|-----|
| (i) Sand blasting | (7) |
| (ii) Ozone fading | (7) |

24. a) What is Plasma? How it is generated and explain its applications over textiles

(OR)

b) Explain the concept and application of different methods of Self Cleaning finishes

25. a) Explain the types and characteristics of stains.

(OR)

b) What is care labeling? Explain the different care labeling systems.
