



UN – 220

**III Semester B.Sc. (FAD) Examination, November/December 2015
(CBCS) (2015-2016 and Onwards) (Fresh)
FASHION AND APPAREL DESIGN
FAD 303 : Textile Wet Processing**

Time : 3 Hours

Max. Marks : 70

Instruction : All Sections are compulsory.

I. Answer **any 10** of the following :

(10×2=20)

- 1) State the impurities present in grey cloth.
- 2) State the mechanism of scouring.
- 3) State the objectives of mercerization.
- 4) What is degumming of silk yarn ?
- 5) Name the bonds used for fixation of dye particles on fibres.
- 6) What are exhausting agent ?
- 7) What is digital printing ?
- 8) What do you mean by wash fasteners of dyed materials ?
- 9) What is vatting ?
- 10) What is mordanting of textile fibres ?
- 11) State any two functions of thickening agents in printing.
- 12) State the difference between temporary and permanent finishes.

2) II. Answer **any five** of the following :

(5×4=20)

- 13) Briefly discuss the bleaching of cotton using hydrogen peroxide.
- 14) What is shrinkage of fabrics ? Explain how pre shrinking process improves the dimensional stabilities.
- 15) Briefly discuss the printing of textiles using pigment colours.
- 16) Explain briefly application of easy care finish for cotton fabric.
- 17) Discuss briefly the application of disperse dyes on polyester.
- 18) Explain the importance of washing of fabrics dyeing.
- 19) What are advantages of eco friendly textile processing ?

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(5×6=30)

III. Answer **any five** of the following :

- 20) Discuss briefly the application of vat dyes on cotton.
 - 21) Discuss briefly the application of acid dyes on silk.
 - 22) Discuss briefly the techniques of discharge printing.
 - 23) Classify the finishes.
 - 24) Explain any two methods of printing.
 - 25) What are temporary finishes ? Explain any two temporary finishes.
 - 26) State the difference between water proof and repellent finishes.
 - 27) Write a note on garment dyeing machines.
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