

III Semester B.Sc. (FAD) Examination, Nov./Dec. 2016
(CBCS)
(2015-16 and Onwards) (F+R)
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) What is wet processing ?
- 2) What is scouring ?
- 3) State the advantages of mercerisation
- 4) Name four synthetic dyes.
- 5) State the characteristics of dyes.
- 6) Name dyes used for dyeing of protein fibres.
- 7) What is after treatment to dyed materials ?
- 8) What is mordenting of textiles ?
- 9) State the different style of printing.
- 10) What is temporary finishing of textiles ?
- 11) Name four functional finishes.
- 12) State the advantages of pigment printing.

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

(5×4=20)

- 13) What is degumming of silk ? Explain.
- 14) Explain the following :
 - a) Carbonisation of wool
 - b) Chlorination of wool.
- 15) Discuss briefly the application of acid dyes on silk yarn.

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- 16) Classify the dyes based on mode of application.
- 17) Discuss briefly the printing of textiles using roller printing.
- 18) Briefly discuss about the flame retardent finishing of textiles.
- 19) Explain Tie and Dye style of printing.

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

(5×6=30)

- 20) Discuss briefly on bleaching of cellulose using hydrogen peroxide.
 - 21) Briefly discuss on application of acid dyes on silk yarn.
 - 22) Briefly discuss the application of disperse dyes on polyester fabrics.
 - 23) Discuss briefly on light fastness and perspiration fastness to dyed material.
 - 24) Explain the different washing techniques followed in industry.
 - 25) Briefly explain the flame retardant and water repellent finishing of textiles.
 - 26) What is Batik printing ? Explain.
 - 27) What is a stain ? Explain different types of stains.
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