

III Semester B.Sc. (FAD) Examination, November/December 2017
(CBCS) (F+R)

(15 – 16 & Onwards)

Fashion and Apparel Design

14 FAD 303 : TEXTILE WET PROCESSING

Time : 3 Hours

Max. Marks : 70

Instruction : All Sections are compulsory.

SECTION – A

I. Answer any 10 of the following.

(10×2=20)

- 1) Explain the term grey fabrics.
- 2) What are the objectives of singeing ?
- 3) How are designing methods classified ?
- 4) Define stain. Give examples.
- 5) Write down recipe and process parameter for Scouring cotton material.
- 6) What are the advantages of hydrogen peroxide in Bleaching ?
- 7) Indicate two fibres have affinity for the below dyes.
 - 1) Reactive
 - 2) Vat dye
- 8) Name two dyes – fibre bonds.
- 9) What do you understand by the term “dyeing” ?
- 10) Name methods of printing.
- 11) Name two functional finishes.
- 12) What is Mercerization ?



SECTION - B

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

(5×4=20)

- 13) Explain the different methods of colouring techniques of textile materials.
- 14) What is dying ? Explain briefly application of reactive HE brand on cotton yarn with recipe.
- 15) Briefly explain the dying of Silk yarn using acid dyes.
- 16) Explain the process of printing of cotton fabric using screen printing method.
- 17) Explain the methods of stain removal.
- 18) Discuss on Basic style of printing.
- 19) Discuss briefly the application of optical brightening agent on cotton yarn.

SECTION - C

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

(5×6=30)

- 20) Briefly discuss the application of direct dyes on cotton fabric with recipe and process parametry.
- 21) What is vatting of vat dyes ? Explain the application of vat dyes with recipe.
- 22) What is Batik printing ? Explain.
- 23) Explain the following printing styles
 - 1) Resist
 - 2) Discharge.
- 24) What are functional finishers ? Explain the application of Flame retardant finish.
- 25) Briefly discuss the direct style of printing using pigment colours.
- 26) Discuss briefly the washing techniques used in wet processing.
- 27) Briefly discuss on the following :
 - 1) Colour fastners to light
 - 2) Colour fastners to washing.