

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2017
(Third Semester)

Branch - COSTUME DESIGN & FASHION

TEXTILE WET PROCESSING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks!)

Answer ALL questions

■ ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Define scouring.
- 2 What do you mean by singeing?
- 3 Define Dyeing. •
- 4 What do you mean by curing?
- 5 List the different styles of Printing.
- 6 Define Mercerizing.
- 7 Explain the term calendaring.
- 8 Classify the dyes based on suitability.
- 9 Explain Quality control.
- 10 What is water pollution?

SECTION - B (25 Marks!)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Describe the need for desizing and explain any one method.
OR
b Explain about the quality of water used in Textile Industry.
- 12 a Explain about hank dyeing machine.
OR
b Discuss about reactive dyes.
- 13 a Describe about printing defects and remedies.
OR .
b Explain about Rotary printing.
- 14 a Differentiate biopolishing and bio washing.
OR
b Classify finishing. •
- 15 a Explain about the causes and remedies of processing.
OR
b Enumerate the importance and need for quality control.

SECTION - C (30 Marks!)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain about J-Box with neat diagram..
- 17 Illustrate and explain about winch dyeing machine.
- 18 Discuss about any two styles of printing.
- 19 Describe about stonewash, acid wash and flame retardant finish.
- 20 Explain in detail about Air and water pollution, their causes and remedies.