

Roll No.

Total Pages : 2

BT-7/D-17

37096

PROCESS CONTROL IN CHEMICAL PROCESSING

Paper : TT-405(A)

Time : Three Hours]

[Maximum Marks : 100

Note : Attempt *five* questions in all selecting at least *one* question from each section. All questions carry equal marks.

SECTION-A

1. What is the role of Process control in Wet processing ? Discuss the approach of process control. Briefly explain process control in wet processing. (5+5+10=20)
2. How overall quality of grey fabric is assessed ? Give the method for stitching grey fabric. What are the common stitching defects ? How stitching quality is assessed ? (5×4=20)

SECTION-B

3. Discuss the process control parameters to control pressure boil scouring and in mercerization. 20
4. Describe the process control parameter in NaOCl bleaching and heat setting. 20

SECTION-C

5. Describe the process control parameter in Jet dyeing and Continuous dyeing. 20

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[P.T.O.]

6. Discuss the process control parameter in printing and decatizing. 20

SECTION-D

7. Give the evaluation method for various fastness properties of dyed and printed fabric. 20
8. Give the evaluation method for dyes for critical temperature test and migration test. 20
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