

xiv) Write a note on steam ager.

xv) Write about Heat-setting process.

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

Q.3 Discuss various process control measures in scouring in kier.

Q.4 Discuss process control parameter in Jigger dyeing machine.

Q.5 Discuss various process control in printing process and after treatment process.

Q.6 Discuss bleaching process control parameter in pad-roll technique.

Q.7 Discuss process control parameter in sanforizing process.

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6th Sem. / T.P. / Text. Chem.

**Subject : Process & Quality Control in
Text Wet Processing**

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

Q.1 a) % wet pick up during desizing is around _____%.

b) Temp control is done by _____.

c) Flame height during singeing is _____.

d) pH during H_2O_2 bleaching is _____.

e) Temp. during H_2O_2 bleaching is _____.

f) Temp. during $NaOCl$ bleaching is _____.

g) % desizing efficiency should be _____.

h) Peracetic acid is used for _____ bleaching.

i) Desizing efficiency is checked after _____.

(1)

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- j) Machine efficiency in Singeing is _____.
- k) Grey width should be checked by _____.
- l) Overall shearing efficiency is around _____.
- m) NaClO_2 is used to bleach _____.
- n) Metal detector in shearing and cropping detects _____ in fabric.
- o) Removable stains should be _____ in Grey. Inspection prior to other wet processes.
- p) _____ and _____ are major control parameters for enzymatic desizing.
- q) Half bleaching chemical is _____.
- r) Efficiency in singeing should be _____.

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2 i) What are major area of process control.
- ii) What are functions of process control?

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- iii) What do you mean by check points? What are different check points for parameters in Grey inspection?
- iv) What are parameters and their check points in desizing.
- v) What are parameters and their method of cheeking in shearing and cropping?
- vi) Give the parameters for process control in printing process.
- vii) Mention the process control parameters in souring process.
- viii) What are basic expectations from a Dyer in fiber dyeing department?
- ix) What are objectives of process control in printing?
- x) What are different reasons for a 'off-shade' dyeing?
- xi) What is a function of a soaper?
- xii) What are basic need in fabric dyeing department.
- xiii) Write a note on calendering process.

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