

- Q.32 List three operational aspects for PQC in Jigger dyeing machine.
 - Q.33 How do you go for fibre packing in fibre dyeing machine?
 - Q.34 Mention any 5 considerations taken for selection of dyes.
 - Q.35 Mention any 4 causes for variation in fabric dyed on Jigger & how to overcome them?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Describe various PQC measures taken during Printing.
 - Q.37 Mention in detail the various control parameters during scouring.
 - Q.38 Explain parameters and precautions for HTHP

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6th Sem / Branch : Tet Proc., Text. Chem. Sub.: Process Quality Control in Textile wet Processing

Time : 3Hrs. M.M. : 100

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SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 In Grey Inspection we do not go for
a) Stains b) Cut.
c) Length d) Wad removal

Q.2 Heat Setting is the process
a) Dimensional b) Luster
c) Absorbency d) None of these

Q.3 Parameters for padding bath are
a) pH b) Temp
c) Pickup d) All of these

Q.4 Important factors for fiber dyeing are
a) Type of package b) Type of yarn
c) Package density d) All of these

Q.5 We go for desizing for removal of
a) Color b) Hairy fibers
c) Starch d) None of these

Q.6 Padding mangle is used for
a) Continuous process b) Batch process
c) Heating d) None of these

- Q.7 HTHP is a machine for
 a) Continuous Process b) Batch process
 c) Drying d) None of these
- Q.8 For making process continuous we use
 a) J-Box b) Padding Mangale
 c) Washing Unit d) All of these
- Q.9 Jet dying Machine is for
 a) Continuous Process b) Batch process
 c) Semi Continous d) None of these
- Q.10 Drying is done by
 a) Cylinder b) Hot flue
 c) Float d) All of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Kiering is the process for _____ (Scouring / Souring)
- Q.12 Souring is the process for _____ (Alkalization/ Neutralization)
- Q.13 Removal of starch is _____ (sizing Desizing)
- Q.14 Name some after treatments.
- Q.15 The selvedge should be _____ (Plain/Folded) during winding on batch.
- Q.16 Entrapped air should remain in package dyeing machine. True/False
- Q.17 Steam leakage should be there is package dyeing machine. True/False

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- Q.18 Production of a quality finished need control on input material & process at each stage. (True/False)
- Q.19 Shearing and cropping is the process of removal of _____ (Color/ Long fiber)
- Q.20 Seam detection is necessary to avoid damage to _____ (Stitching line/Metal)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Why PQC is necessary?
- Q.22 What is role of PQC in wet Processing functions of a process?
- Q.23 What are basic needs dyeing departments?
- Q.24 What are basic needs in fibre or yarn dyeing deptt?
- Q.25 Mention parameters of calendaring process.
- Q.26 Mention parameters & related necessary actions in shearing & Cropping.
- Q.27 Mention parameters & method of checking during bleaching in Pad-roll system.
- Q.28 List various reasons for off-shade?
- Q.29 What are objectives & control parameters in after treatment of printed cloth?
- Q.30 what are sequential process for printing?
- Q.31 Draw various defects of stitching. How will you give them points for quality measures.

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