

SECTION-D

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

- Q.36 Describe various PQC measures taken for a Semi Cont. process
- Q.37 Mention in detail the various control parameters during bleaching in Pad roll.
- Q.38 How will you reduce shade variation in Jigger dyeing machine.

No. of Printed Pages : 4

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Roll No.

6th Sem./Branch : T.P./ Text Chemistry

Subject:- Process Quality Control in Textile Wet Processing

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Shearing and cropping is removal of
a) Protruding fiber b) Wax
c) Oil d) ends joining
- Q.2 By measuring tape we check for
a) Stains b) Cut
c) Length d) All of these
- Q.3 Stitching is process for
a) hairy fiber b) Wax
c) Starch d) Ends joining
- Q.4 Scouring efficiency is checked by
a) Dimensional Stability
b) Luster
c) Absorbency
d) None of these
- Q.5 In Saturator we check for
a) Ph b) Temp.
c) Pickup d) All of these
- Q.6 Parameters for yarn dyeing
a) Type of Package b) Type of yarn
c) Package density d) All of these

- Q.7 Fabric dyeing machine
 a) HTHP b) Padding Mangle
 c) Jigger d) All of these
- Q.8 Process House has
 a) Continuous Process b) Batch Process
 c) Semi Cont. d) All of these
- Q.9 Types of dyes are
 a) Anionic dyes b) Cationic dyes
 c) Non ionic dyes d) All of these
- Q.10 Swelling agents are
 a) Levelling agents b) Carriers
 c) Exhausting agents d) None of these

SECTION-B

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

- Q.11 Steam leakages is checked by _____ in HTHP machine.
- Q.12 Presence of hairy fibre is checked _____ shearing and cropping.
- Q.13 Washing and rinsing are done _____ dyeing.
- Q.14 Caustic is a strong _____ (acid/alkali).
- Q.15 _____ are removed by stain removal.
- Q.16 Uneven flame is checked _____.
- Q.17 Pressure is checked by _____.
- Q.18 Temp. is checked by _____.
- Q.19 Wool has affinity for acid dyes. (True/False)
- Q.20 Cotton is easily damaged by strong alkali. (True/False)

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SECTION-C

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

- Q.21 Mention PQC measures in grey inspection?
- Q.22 What are function of a process control?
- Q.23 Write about expectations from a dyer in fabric dyeing deptt.
- Q.24 Write about expectations from a dyer yarn Dyeing?
- Q.25 Write parameter for sanforizing.
- Q.26 Write pqc measures in desizing.
- Q.27 Write pqc measures in singeing.
- Q.28 How off-shade is produced? List any 5?
- Q.29 What are needs of process control in printing?
- Q.30 Write the control parameters during after treatments?
- Q.31 Discuss stitching defects.
- Q.32 Discuss precautions taken during loading on HTHP.
- Q.33 Mention pqc measures for Padding Mangle.
- Q.34 How a dyer selects dyes and chemicals ?
- Q.35 What PQC measures are taken for after treatments on dyed fabric?

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