

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.

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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)

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?