

Q.32 How will you determine light fastness with exposure rack.

SECTION-D

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

Q.33 Discuss in detail importance of colour fastness in textile processing. Briefly describe various fastness tests necessary for garment.

Q.34 Describe the method of determining blend percentage if following blends

- (i) P/C (ii) Cots wool.

Q.35 Explain the construction and working of laundromater with neat and clean diagram.

Q.36 What are blue standards? How light fastness is determined with light fastness tester Explain .

No. of Printed Pages : 4

Roll No.

122645/32653

4th Sem. / Textile Processing/ Text. Chemistry

Subject : Textile Chemical Testing

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

Define

Q.1 Bleaching.

Q.2 Blend Analysis.

Q.3 Grey scale.

Q.4 Fluidity.

Q.5 Wet processing treatment

Q.6 Axial ratio.

Q.7 Soft water.

Q.8 Write full form of T.D.S.

(60)

(4)

122645/32653

(1)

122645/32653

Q.9 Effluent

Q.10 Write full form of C.O.D.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 What is the main purpose of Textile chemical testing.

Q.12 Polyester and nylon dissolve in _____ & _____ respectively.

Q.13 Write two objectives of mercerization.

Q.14 What are blue standards?

Q.15 Define Deconvolution count.

Q.16 What is the function of methylene blue test.

Q.17 Name any two alkalies/ base used in wet processing.

Q.18 What is the significance of Copper number test.

Q.19 Define Hardness of water.

Q.20 Name Instruments used for washing fastness.

Q.21 Define light fastness rating.

Q.22 Define International standards.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Note on Scope of Textile Chemical Testing.

Q.24 What are types of grey scales? Give its rating.

Q.25 What is chemical degradation of cotton?

Q.26 Function of chemical laboratory in a processing plant.

Q.27 Method of determining efficiency of mercerization.

Q.28 What are different washing fastness tests?

Q.29 How will you determine fat and wax content?

Q.30 How fastness to sea water is measured?

Q.31 Method of determining fastness to perspiration.