

- Q.20 Explain method of quantitative estimation of bleaching powder
- Q.21 Write method to determine fat & wax content in textile material
- Q.22 Write the method for finding Deconvolution count.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Describe the method of determining blend percentage of following blends:
- a) P/V
 - b) Acrylic wool
- Q.24 Write the procedure to determine barium activity number?
- Q.25 Explain in detail about the instrument and procedure to test light fastness tester?

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SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Cotton is soluble in ?
- a) Acetone
 - b) Acetic Acid
 - c) 75 % H_2SO_4
 - d) None of these
- Q.2 Methylene blue is a ___ ?
- a) Enzyme
 - b) Dye
 - c) Pigment
 - d) Software

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Q.3 Mercerization is carried out by using ___ Chemical?

- a) Soda Ash
- b) Caustic Soda
- c) Acetic Acid
- d) Sulphuric acid

Q.4 Instrument is used to test light fastness _____?

- a) Crock meter
- b) Exposure Rack
- c) Laundrometer
- d) Tachometer

Q.5 Deconvolution count is related to assessment of?

- a) Desizing
- b) Mercerization
- c) Scouring
- d) Bleaching

Q.6 _____ Standards are used for light fastness testing?

- a) Red
- b) Green
- c) Blue
- d) Yellow

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Nylon can be dissolved in _____ chemical.

Q.8 Name instrument used to check washing fastness.

Q.9 Name any two bleaching agents.

Q.10 Define Axial Ratio.

Q.11 Exposure rack is used to check _____ fastness?

Q.12 Name the instrument to test rubbing fastness?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write aim and scope of textile chemical testing briefly.

Q.14 Explain the importance of colour fastness test.

Q.15 Give a brief note on copper number test.

Q.16 Write about fastness to hot pressing.

Q.17 Explain how wet rubbing fastness is done

Q.18 What are grey scales ? Explain its types

Q.19 Write a note on fastness to sea water..