

- Q.3 What is Grey Scale? How it is used for measuring colour fastness of fabric?
- Q.4 Explain the procedure working of Launderometer in detail.
- Q.5 Discuss Barium activity number used for accessing mercerization process in detail.
- Q.6 Discuss the following:
- a) Critical dissolution time.
 - b) Cuprammonium fluidity test.
- Q.7 Write short note on following:
- a) Crock meter.
 - b) Axial Ratio.

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No. of Printed Pages : 4

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Roll No.

4th Sem. / Text.Chemistry/ Text.Proc.

Subject : Textile Chemical Testing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) What is Grey scale?
 - b) What is colour fastness?
 - c) Discuss wax content in textiles.
 - d) Discuss fat content in Textile.
 - e) What is Textile chemical testing?
 - f) Give scope of Textile chemical testing.
 - g) What is copper number test?
 - h) What is blend?
 - i) Give method of determining Polyester & Viscose fibres in a blend.

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- j) Discuss cupra ammonium fluidity test.
- k) What is perspirometer?
- l) What is light fastness tester?
- m) What are effluents in water?
- n) Analyse fresh water.
- o) What is sublimation?
- p) What is Desizing?
- q) What is Croackmeter?
- r) What is Axial Ratio?

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) What is hard water & soft water?
 - ii) Explain method of determination of proportion in Polyester/Viscose Blended Yarn.
 - iii) What is standard procedure to evaluate presence of Alkali?

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- iv) What do you understand by Axial Ratio?
- v) What is desizing? Discuss.
- vi) What is Methylene Blue test?
- vii) Discuss damage test for salts.
- viii) How mercerization process are evaluated?
- ix) What is washing fastness? How it is evaluated?
- x) What is rubbing fastness?
- xi) What is perspiration test? Discuss.
- xii) Discuss colour fastness test.
- xiii) What is light fastener? Discuss.
- xiv) What is crockmeter? Discuss.
- xv) What is laundrometer? Discuss.

SECTION-C

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

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