

7.14. TEXTILE CRAFT

B.Sc / B.Com | B.A. Part-I 2021

B.Sc.
Scheme: B.A/B.COM PART-I

		<u>DURATION</u>	<u>MAX.MARK</u>	<u>MIN.MARK</u>	
(i)	Theory:	One paper	3Hrs	60	22
(ii)	Practical:	One	3Hrs	80	28
(iii)	Submission:	Two		60	22

(Theory): Introduction to Textile Craft**UNIT-I**

1. Introduction to Textiles
2. Definition of fibre, Properties of textile fibres, Primary & Secondary properties.
3. Classification of fibres
4. Production, manufacturing, properties and uses of Natural vegetable fibres- cotton, linen and jute
5. Yarn manufacture by Takli and Charkha

UNIT-II

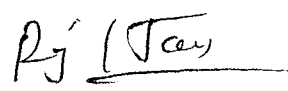
1. Warp and Weft, Difference between warp and weft
2. Handloom, Parts of Handloom
3. Warp path on Handloom
4. Motion of Handloom(primary & secondary)
5. Elementary Weaves(Basic weaves): Plain, Twill, Satin & Sateen

UNIT-III

1. Concept of colours, Colour Wheel, Colour schemes, Achromatic & Monochromatic colours
2. Dyes and Pigments (colourless dyes)
3. Classification of Dyes
4. Dyeing of cotton fabric by Tie and Dye process
5. Fabric finishes- Introduction and Importance, basic finishes- bleaching, scouring, singeing, mercerising

(Practical):**Samples preparation**

- (i) Tie and Dye (Marbling, pleating & folding, laheria and bandhej)


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- (ii) Elementary weaves (plain, twill, satin and sateen) on graph paper
- (iii) Primary colour, secondary colour, colour scheme, achromatic & monochromatic colour
- (iv) Hand painting
- (v) Stencil Preparation and Painting

Submission:

Develop any two products

- (i) Dupatta / scarf/table cover using tie and dye
- (ii) Cushion cover or table mats using hand painting or stencil painting

Examination Scheme:

Major Problem: 50 Marks

Tie and dye/ stencil printing / hand painting on a product

Minor Problem: 30 Marks

Preparation of any weave or colour scheme

Reference books :

Dantyagi, S. (2012) Fundamental of Textiles, Orient Blackswan private limited.

Gohl, E. P. G. & Vilensky, L.D. (2005) Textile Science, CBS publishers & distributors PVT.Ltd. New Delhi

Taggart, W. (1920) Cotton Spinning, London; New York: Macmillen. London

Bannerjee, N.N. (1986) Weaving Technology, 9th edition, Textile book house

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