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TN TRB Assistant Teacher Syllabus For SEWING TEACHERS

- 1. Tools & Equipment: Measuring Tools Marking Tools Cutting Tools General Tools.
- **2. Sewing Machine & Maintenance**: Parts of sewing care and maintenance of sewing machine minor defects and their rectification.
- 3. Different types of Hand Stitches: Temporary Stitches Permanent Stitches
- **4. Sewing Technique for Garment Construction**: Seams Seam Finishes Plackets Collars Sleeves Fasteners Trimmings and Decoration
- 5. Taking body measurements
- 6. Pattern making: Making Pattern for measurements Preparation of paper Pattern
- 7. Layout Principles of Layout : Types of lay outs Estimation of material requirements.
- **8. Garment Construction :** The method of cutting- stitching and finishing the following garments Zabla Chemise Circular frock panel petticoat Ladies kurtha Survar School Uniform Pyjama Kalidhar kurtha Bermudas.

EMBROIDERY

1. Tools and Equipment used for Embroidery: Embroidery frame- Crewel needle- bent scissors-stilettos- Thread holder- Carbon paper- ruler - Tracing paper- measuring tape- thimble- Selection of material and thread.

2. Design

Elements of design- principles of design- Transferring designs - different methods-Enlarging and reducing of design.

3. Embroidery Stitches

Out line stitches - Running stitch- stem stitch- Chain stitch and back stitch - Border Stitches -Blanket stitch - wheat ear stitch - Button hole stitch - Filling Stitch - Satin stitch- Herringbone Stitch - seed stitch-Fancy Stitch - cross stitch wheel stitch - Lazy daisy stitch - Knot stitch - French knot- Bullion knot- Double knot - Coral knot.

4. Types of Embroidery

Tambour- Eyelet hole- shadow work- monograms - Aari work and Zardhoshi work -Applique - Hem applique- motif applique

5. Care of embroidery articles.

HAND LOOM WEAVING

1. Calculation

Numbering of cotton yarn - Method of testing count- strength- twist and elasticity of yarn. Ends and picks suitable for a well balanced cloths- identification of cotton- silk- artificial silks and woollen yarns.

2. Fabric structure

Use of point paper -construction of standard weaves like plain weave and its derivatives-Twill weave and its derivatives- Honey comb weave and huck-a-back. Extra warp and extra weft ornamentation.

- 3. Pile Fabrics: Warp pile and weft pile.
- 4. Handloom weaving: Mechanism of plain weave-dobbins and jacquard loom.

5. Dyeing and printing

Preparation of fabric before dyeing - Resizing- Scouring and bleaching - Method of doing Different types of dyes - Direct dye- Reactive dye and vat dye - Method of doing different types of printing - Block print- Stencil print and screen print.

- 6. Finishing of fabrics: Method of doing Memorization & calendaring.
- 7. Psychology: Principles and elements of design-Psychology of colour and dress.

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