

**1. Basic Industrial Terminology. Trade related tools, Their importance, usage and safety**

- Measuring Tools
- Drafting Tools
- Marking Tools
- Cutting Tools
- Sewing Tools
- Finishing Tools

**2. Fabric Fundamentals**

- Brief idea about fibers
- Types of Fabrics
- Selection of Needle and thread according to fabric types
- Broken Needle Policy Fabric Preparation for cutting
- Fabric Grain
- Selvedge
- Shrinkage Straightening the fabrics grains
  - Measurements*
  - Units*
  - Measuring Techniques*
  - Define the problem and research object*
- Developing Marketing Research Planning
- Collect Needed Information
- Implementing Marketing research Plan

**3. Basic sewing machine**

- Parts and functions
- Machine Needle
- Stitch formation
- Sewing machine practice
- Care and maintenance
- Trouble-Shooting
- Types of Industrial Sewing Machine

**4. Over lock machine**

- Parts and functions
- Machine Practice
- Care and maintenance
- Trouble Shooting Basic Garment analysis

**5. Seams**

- Classification
- Uses
- Properties of Seams
- Seam finishes sewing aids
- Presser foot
- Folders
- Guides

**6. Introduction Fullness**

- Darts – Necessity, type and precautions during stitching
- Pleats – Necessity, type and uses

**7. Introducing Fullness**

- Tucks – Types and use
- Gathering and shirring
- Flare
- Ruffles/Frills – Types (Straight and circular) and uses

**Hand Stitches**

- Hand needles – size and types
- Sewing Thread
- Types and applications of hand stitches

**8. Hems**

- Types
- Uses

**Corner Makings**

- Types
- Uses

**9. Casing**

-Introduction

-Use

**Edge Finishing**

-Facings

-Bindings

-Pipings

**10. Necklines**

-Different Shapes of neckline

**11. Plackets**

-Types

-Sample makings

**12. Pockets**

-Types

-Design variations

**13. Collars**

-Classification

-Collar Terms

**14. Sleeves**

-Classification

-Sleeve length variation

-Sample making of sleeves with and without cuff

**15. Trimmings**

-Types

-Applications

-Fixing of buttons, hooks etc.

-Making of Buttonhole

**16. Mending**

-Darning

-Patching

**17. Drafting and developing Pattern for ladies suit**

**18. Human figures**



- Eight Head Theory
- Brief introduction about Joints and Muscles
- Types of figures Body Measurements
- Importance
- Types and Measuring

### **19. Techniques**

- Precautions
- Measurement Charts
- Records alteration as per requirement of customer

### **20. Patterns**

- Importance
- Pattern information
- Types of Spreading and pattern layout
- Importance
- Spreading methods/machines
- Types of layout Pattern Drafting
- Drafting/Pattern Terminology
- Principles of pattern drafting

### **21. Pressing**

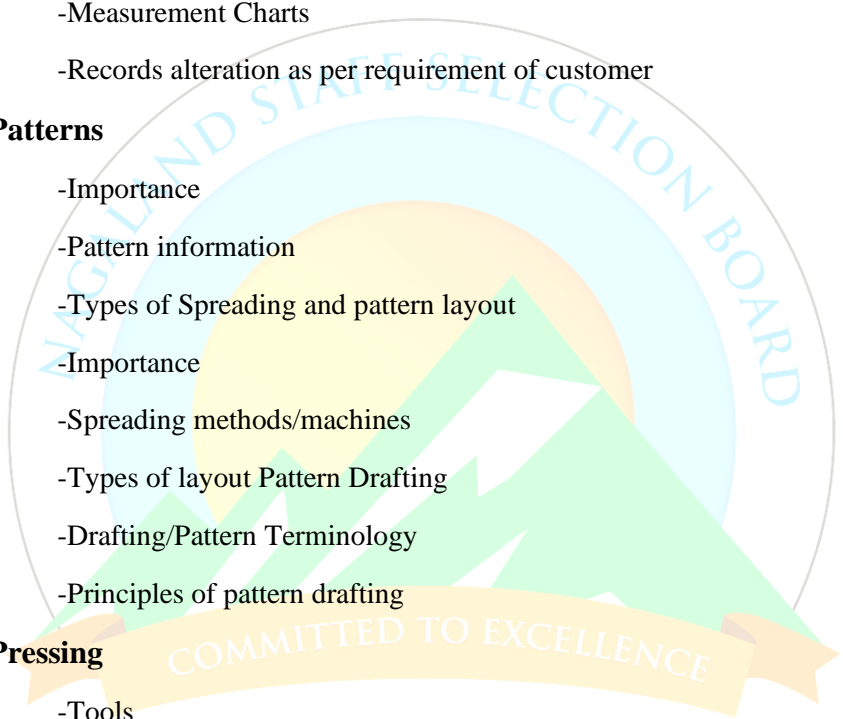
- Tools
- Methods Importance of Pressing Trail Room
- Necessity
- Specification

### **22. Mass Production Process –**

- Sequence of operations
- Types of cutting machines
- Fusing Technology
- Types of Industrial Machine Used in sewing section
- Finishing

### **23. Sketching and drafting of the following garments**

- Ladies Tops/Short Kurties



- Ladies suit
- Night wear (one piece/two piece)
- Sari Blouses

**24. Sketching and drafting of the following garments-**

- Dresses of newborn
- Dresses for Toddler
- Dresses for kids

**25. Pattern Making, Fabric Estimation, Cutting, Sewing, Pressing and Folding of the following garments with design variations**

- Kurta and Pyazama
- Casual Shirts and Trousers

**26. Laundry Stains**

- Classification
- Removing Techniques

**27. Quality Control**

- Definition, need and planning
- Types of Inspection
- Stages of Inspection
- Role of Quality Controller

