

Wooden Packaging

Introduction, History, Uses, Advantages and Disadvantages of Wooden Containers in Food Processing Industry, their Replacements with Changing Situations.

Sealing Material

Types of Strips, Seals, Veils, Wad and Closures for Local and Export Markets.

FOOD PACKAGING

Time: 3 hrs

PRACTICAL

Marks : 50

- Make a report on packaging of foods in food industry.
- Market survey of packing materials availability.
- Preparation of a scrap book with samples of different packaging materials.
- Suitability of butter paper, wax paper, cellophane and other papers.
- Measurements of closure caps, wad and their identifications.
- Exhibition of food products at production centres.
- 3D presentation of primary, secondary and tertiary food packaging.

(ii) TRADE : GARMENT MAKING

12th VOCATIONAL

PAPER-I

DRESS MAKING

THEORY

Time : 2 hrs

Theory : 30 Marks

InA : 10 Marks

Practical : 50 Marks

Total : 90 Marks

Fashion

Origin - Costumes From Medieval to Modern Period Sultanate Period, Mughal Period, Pre - British & British Period, Post Independence Period - Modern Period, Fashion - Definition

and Related Terminology - Style, Hi-Style, Classic, Fads, Chic etc, High Fashion, Mass Fashion, Knock Off, Design, Factors Favouring and Retarding Fashion, Fashion Cycle and its Stages - Introduction, Rise/ Increase in Popularity, Culmination/ Peak of Popularity, Decline in Popularity, Obsolescence/ Rejection of Style, Principles of Fashion, Costumes For Males and Females of Different States: Punjab, Rajasthan, Himachal Pradesh, Jammu and Kashmir, Maharashtra.

Fashion Designer

Role of Fashion and Fashion Designer in The Garment Industry, Nature of Work of Fashion Designer, Types of Designers in Garment Industry, Industrial Designer, Graphic Designer, Textile Designer.

Silhouette

Types and Knowledge of Current Silhouettes - A-Line, Ball-Gown, Empire, Sheath, Mermaid, Tulip, Slim, Pencil.

Special Dress Designs

For Children and Adults with Special Emphasis on - Sleeves - Plain, Puff, Cap, Leg -O- Mutton, Bishop, Bell, Cowl, Raglan, Dolman, Petal, Kimono, Drop Shoulder, Cuffs - Band, Shaped Band, Cuff With Buttons, Elasticated, Draw-String, Cuff With Piping, Collars - Peter Pan, Sailor, Nehru/ Chinese, Bishop, Rippled, Shawl, Shirt, Convertible, Flat, Coat, Pockets - Patch, Cross, Kurta, Slit, Flap, Yokes - Rectangular, Round, Triangular, Square, U - Shaped, Saddle, Pointed, Asymmetrical.

Fitting Method

Fitting Trial, Elements of Fitting, Types of Fitting - Trial Fitting & Final Fitting, Reasons of Wrong Fitting.

Traditional Embroideries

Phulkari, Kasida, Chikan-Kari, Kantha, Dasuti, Kashmiri, Sindhi, Kutch and Chamba Rumaal.

Try Room

Introduction and Advantages.

Wardrobe Planning

How to Plan a Wardrobe for Different Activities and Life Styles.

DRESS MAKING

Time: 3 hrs

PRACTICAL

Marks : 50

- Designing, drafting, layout, cutting, stitching, rectification and finishing of – Bu-Shirt, Salwaar - simple, Patiala, Kalidaar Kurta, Churidaar pyjama, Pant - cut Pyjama, Plazzo,

Ladies' Shirt, Blouse, Shirt top, Petticoat - four panel & six panel, Nighty, Party wear Dress (any style).

- Fitting - General fitting problems and their remedial measures.
- Ironing, folding and packing of finished garments/ fabrics according to size and design. Making gift packs with special emphasis to display the design/ features of the garments/ fabrics.
- Embroidery file - Samples of different embroideries (as mentioned in the theory) and other embellishments prevalent.
- Design and stitch one traditional costume of any one state using innovative traditional embroidery stitches and techniques on the garments designed and stitched.
- Prepare any one article (home furnishing) or garment using any five embroidery stitche

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PAPER-II

COMMERCIAL CLOTHING

THEORY

Time : 2 hrs

Theory : 30 Marks

InA : 10 Marks

Practical : 50 Marks

Total : 90Marks

Measurements

Calculation of Standard Body Measurements from Chest/ Bust and Height Measurement - Children, Women and Men.

Pattern Grading

Importance and Methods, types of Pattern Grade, Terminology Related to Pattern Grading.

Special Equipments

Knowledge and use of Special Equipments for Button Hole Making, Buttoning, Overlocking, Embroidery, Pico, Eyelet, Embroidery Stitches and Button Covering, Introduction to Advanced Electrical Sewing Machines - Double Needle Machine, Fusing Machine, Bartack Machine, Disc Machine, Cord Machine, Zig Zag Stitch Machine.

Estimation

Estimation of - Fabric, Length of Lay, Raw Material and Accessories according to Design, Sizes, Order Size and Other Criteria, Points to Be considered while Estimation of Fabric, Raw Materials and Accessories, Make Estimations for A-Line Frock, Gathered Frock, Blouse, Ladies Shirt, Salwaar, Churidaar Pyjama, Nighty, Bushirt, Pant, Kalidaar Kurta, Pant - Cut Pyjama.

Commercial (Bulk) Production

Study of Processes and Stages of Commercial (Bulk) Production - Laying, Marking, Cutting, Fusing, Ticketing, Assembling and Distribution of Components, Stitching.

Assembling of Garments, Finishing of Raw Edges, Checking, Laundering, Ironing, Folding and Packing.

Finishing and Quality Control

Checking at Various Stages, Purchases of Raw Material and Accessories, Drafting, Cutting, Stitching, Laundering, Finishing, Packing.

Sale Promotion Techniques

Exhibitions, Displays - Window and Interior, Advertisements, Fashion Shows, Discount Sales, Sample Portfolio, Free Distribution of Samples, Coupons, Public Relations.

Readymade Garments

Importance, Selection and Evaluation for - Appearance, Workmanship, Fabric, Cost, Merits and Demerits of Readymade Garments over Tailor Made/ Home Made Garments.

COMMERCIAL CLOTHING

Time: 3 hrs

PRACTICAL

Marks : 50

- Drafting of men's shirt & trouser.
- Drafting of formal ladies suit.
- Drafting of designed blouse, nighty - gown.
- Drafting of sleeves - puff, ruffle, cap, petal, magyar, flared.
- Drafting of collars - peterpan, cape, baby, Chinese, flat tennis, coat.
- Designing of home textiles products - pillow cover, cushion cover, bag, tray mat, dinning tale mat, table runner etc.
- Adjustment of pattern according to various body shapes e.g. Full bust, flat bust, steeping shoulders etc.
- Computerized/ manual grading of pattern one size up and one size below (for children, women and men).
- Costing of the finished garment: simple and fancy.
- Taking orders from the market for two garments each for men, women or children, and one from home textile products.

- Exercises in estimation of – fabric, length of lay, raw material and accessories according to design, size, order size and other criteria.
- Planning & organization of exhibitions, display, fashion shows, etc.
- Visit to commercial unit to observe stages of commercial production of garments.
- Prepare a pocket file of drafting with actual size garments (any six).
- Designing, drafting, pattern making, lay-out and cost estimation of any one women garment.

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PAPER-III

UNIT MANAGEMENT

THEORY

Time : 2 hrs

Theory	: 30 Marks
InA	: 10 Marks
Practical	: 50 Marks
Total	: 90Marks

Unit Establishment

Selection of Site for Factory Building/ Shop Personnel Requirement, Equipment Requirements, Raw Materials Procurement and Complete Budgetary Requirements.

Lay - Out Plans

Efficient and Smooth Working of Units, Effective and Maximum Utilization of Space Available, Emphasis on Safety Measures: Cleaning and Safety Precautions for Self Protection, Causes and Prevention of Fire, Safety Precautions for Theft, Safety Precautions in Case of Natural Calamities e.g. Lightening, Rain, Earthquake etc, First Aid.

Care and Maintenance

Care and Maintenance of Equipment and Machines, Effective Storage of Raw Material, Knowledge regarding the Working of a Garment Manufacturer/ Export Industry and the

Job Responsibility of the Persons Employed at different Levels, Knowledge and Management of Records Prevalent in the Garment Industry.

Merchandising

Meaning and Types of Merchandise, Role of a Merchandiser in Garment Industry.

Terminology

Industrial Raw Material, Tools and Equipments, Machinery, Personnel Management, Marketing, Franchise.

Job Prospects in Garment Industry.

Retail Management

Introduction, Importance and Scope

Quality Control

Meaning and benefits of Quality Control

Inspection

Introduction, Need and Role of Inspector in Garment Industry.

UNIT MANAGEMENT

Time: 3 hrs

PRACTICAL

Marks : 50

- Lay - out plans for factory.
- Lay - out plans for shops - traditional and modern.
- Lay - out plans for interior for the same.
- Using various cleaning agents and techniques for maintenance of various types of equipments in the unit.
- Different methods of storage for different types of garments.
- Visit to different related industries and reporting regarding lay-out, equipments, safety, storage and personnel etc.
 - Make a file with details of – (a) History of sewing machine. (b) Different types of advanced sewing machines used in garment industry.