

Paper-I

092

Food preservation trade  
Subject Food processing

Theory

Marks - 15

ਟਰਮ 2 syllabus

1. Canning

Definition, Types of Technique, General Outlines of Canning Unit Operations- Receiving, Selecting, Weighing, Sorting, Preparing, Blanching, Filling, Exhausting, Seaming, Sterilizing, Cooling, Packing, Labeling, Warehousing & Dispatching, Processing and Canning of Various Seasonal Fruits at Domestic and Commercial Level- Apples, Pears, Mangoes, Papaya and Vegetables Like Beans, Tomatoes, Carrots, Potatoes, and Peas.

2. Can Spoilage

Spoilage of Canned Fruits and Vegetables, Causes and their Control

3. By-Products

Utilization of Fruit and Vegetable Waste of Lemon, Orange, Guava, Mangoes, Banana, Grapes, Tomatoes, Peas and Spinach.

## Paper - II

## Theory

Marks - 15

Food preservation Trade

Term 2 syllabus

Plant management

1. Pests and Rodents

Detection of Pests and Rodents in a Food Factory, their Effects, Controlling and Elimination of Pests and Rodents in Food unit.

2. Book Keeping, Balance Sheet and Profit & Loss Analysis.

3. Project Report

Introduction, Need, Importance and Components of Project Report.

4. Documentation

Introduction, Types, Need of documentation in Food Industry, Maintaining Documents and Inspection of Raw Material in Food Industry, Methods of Documentation, Store Keeping.

# Paper - III

## Theory

094

Food preservation trade

Food packaging

Term 2 syllabus

1. Disposable Packaging

Introduction, Meaning, Uses and Economical Status of Retort Pouch (Boil in Pouch), Tetrapack, Flexible Laminate and Poly Pack, Limitations of Different Disposable Packaging Material, Permeability of Oxygen and Moisture.

2. Modern Food Packaging

Introduction and Uses of - Edible Packaging, Aerosol Packaging, Skin Packs, Blister Packs

3. Crushing Material

Wood Shearing, Paper Shearing, Thermocols, Corrugated Boards- Importance, Criteria for selection.

4. Wooden Packaging

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

5. Sealing Material

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