



Dr. B. R. AMBEDKAR UNIVERSITY-SRIKAKULAM

**B.SC (BHC) (CBCS), Restructured (Horticulture Stream)
Semester System: Course Structure -2015-16
SEMISTER-1**

UNIT-I

Importance of Horticulture, Limits & Uses of Horticulture

Agriculture Zones of Andhra Pradesh

UNIT-II

Research Centers, Research work particular of Horticulture of Andhra Pradesh

Fruits and its Importance in Human Diet.

UNIT-III

Cultivation of Sedum Guava, Grapes

Soil, Climatic factors types

Disease control measures.

Micro Irrigation and its Importance

UNIT-IV

Preparation of Vermi compost-Beds and Importance

Horticulture and Climatic factors- Soil & Water

UNIT-V

Horticulture and Climatic factors- Light, Humidity

Balanced Diet & its Importance in Human Health

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UNIT-I

Types and Importance of Vegetables in Human Life.

Phytohormans and its Importance in Horticulture (Oxins, Zibbarillins, Cytokinencs, Ethyl in)

UNIT-II

Vegetative Propagation different method & Uses in Horticulture

Nursery Management, Transport, Water

UNIT-III

Seed Beds Preparation, Types of Seed Beds, Seedling Selection

Cultivation of Brazil & Tomato (Soil, Water, Cliamtic factors , Types, pest controls)

UNIT-IV

Water Management methods in Horticulture Crops

Agriculture & Horticulture implements & Tools, Uses

UNIT-V

Micro Elements Deficiency & Control measures of Horticulture Crops

Horticulture Products storage, Transport & Scientific Knowledge

MODEL QUESTION PAPER

SECTION-A

Answer any FIVE Question (5x5=25)

1. Explain Importance of Horticulture?
2. Write Any Two Horticulture Zones in A.P?
3. Explain types of Grapes?
4. What is Drip Irrigation?
5. What is the Preparation of Vermi Compost Bed?
6. Write about Humidity factors in Horticulture crops?
7. Name Five Research Centers of Horticulture in A.P?
8. What is importance of Balanced Diet?

SECTION-B

Answer ALL Question (5x10=50)

1. What is limits, importance, uses of Horticulture?
Or
Write about Agriculture zones of A.P?
2. Write about Research centers and research works in Horticulture in A.P?
Or
Different Types of Fruits & its Importance in Human Diets?
3. Cultivation of Sedium Guava ?
Or
Explain Micro Irrigation Types & Uses?
4. Explain Preparation of Vermi Compost Bed Importance & Uses?
Or
Explain Soil as a Climatic Factor for Horticulture Crops?
5. Write about Climatic factor, Light effect in Horticulture crops?
Or
What is Balance Diet and its importance Uses?



Dr. B. R. AMBEDKAR UNIVERSITY-SRIKAKULAM
BIO-TECHNOLOGY (VOCATIONAL & REGULAR) SYLLABUS
STRUCTURE UNDER CHOICE BASED CREDITS SYSTEM
REVIEWED SYLLABUS w.e.f. 2016-17

II B.Sc. (HORTICULTURE) Syllabus SEMESTER - III

OLERICULTURE

Unit - I: Cultivation of Lady Finger, Cabbage, and Cauliflower

Introduction, Climatic factors, soil, types, fertilizers, water management, Weed control, diseases and pest control methods and developments.

Unit - II: Cultivation of Cucurbits or Climber vegetables, Carrot & Leafy vegetables

Introduction, Climatic factors, soil, types, fertilizers, water management, Weed control, diseases and pest control methods and developments.

Unit - III: Cultivation of Sweet Potato and Onion

Introduction, Climatic factors, soil, types, fertilizers, water management, Weed control, diseases and pest control methods and developments.

Unit - IV: Cultivation of Chillies and Monihot and Colacatia

Introduction, Climatic factors, soil, types, fertilizers, water management, Weed control, diseases and pest control methods and developments.

Unit - V: Plants, Plantational Crops cultivation - Coconut and Palmoil

Introduction, Climatic factors, soil, types, fertilizers, water management, Weed control, diseases and pest control methods and developments.

WTO (World Trade Organization)

Functions, Suggestions, Marketing, Management and Agreements.