

Paper Code: BOT-504

Paper Name: Biochemistry and Plant Physiology

BLOCK – I : BIOCHEMISTRY – I

- Unit –1 : Principles of Thermodynamics
- Unit –2 : Enzymes
- Unit –3 : Carbohydrates
- Unit –4 : Lipids

BLOCK – II : BIOCHEMISTRY – II

- Unit –5 : Amino Acids
- Unit –6 : Proteins
- Unit –7 : Nucleic Acids
- Unit –8 : Structure and Function of Membranes

BLOCK – III : PLANT PHYSIOLOGY – I

- Unit –9 : Plant Water Relations
- Unit –10 : Mineral Nutrition
- Unit –11 : Photosynthesis – I
- Unit –12 : Photosynthesis – II

BLOCK – IV : PLANT PHYSIOLOGY – II

- Unit –13 : Respiration – I
- Unit –14 : Respiration – II
- Unit –15 : Nitrogen and Sulphur Metabolism
- Unit –16 : Plant Growth Regulators

BLOCK – V : PLANT PHYSIOLOGY – III

- Unit –17 : Mechanism of Hormonal Regulation of Plant Growth
And Development
- Unit –18 : Physiology of Flowering and Vernalisation
- Unit –19 : Seed Dormancy and Germination
- Unit –20 : Stress Physiology