

BOTANY

IV SEM

- ① Ultrastructure of cell wall
- ② Models of plasma membrane
- ③ Structure and functions of DNA
- ④ Types of RNA
- ⑤ Polytene chromosome
- ⑥ Lampbrush chromosome
- ⑦ Mitosis
- ⑧ Meiosis
- ⑨ Principles of Mendel Laws
- ⑩ Epistasis (dominant & Recessive)
- ⑪ Incomplete dominance
- ⑫ Linkage and crossing over
- ⑬ Mutations
- ⑭ Two point & three point testcross
- ⑮ Mineral Nutrition
- ⑯ Osmotic & pressure potential
- ⑰ Stomatal structure & movement
- ⑱ Regulation of enzyme activity
- ⑲ Classification of enzymes
- ⑳ Mechanism of phloem transport
- ㉑ Photo phosphorylation (cyclic & Noncyclic)
- ㉒ Phytohormones
- ㉓ Glycolysis
- ㉔ C_3 & C_4 cycle
- ㉕ CAM
- ㉖ Krebs Cycle
- ㉗ Nitrogen metabolism