M. Sc., Botany 2023- 2025 Batch Assignment Titles for Second Semester

Enrollment No.	Name	Assignment Titles
2023023460001	Swathi R	2.1. Protein processing and trafficking from ER to Golgi. 2.2. Light and Electron microscopic structure of Cell walls. 2.3. Cyanide resistant respiration and Nitrate & ammonia assimilation.
2023023460002	BANUMATHI K	2.1. Mendelian Genetics and Gene Interaction. 2.2. a. Molecular aspects of developing vegetative organs. b. Cambial variants and floral vasculature. 2.3. Essay on Enzymes.
2023023460003	MALA A	2.1. Cell Division and Cell cycle. 2.2. Structural diversity, phylogenetic specialization of Xylem and Phloem. 2.3. Essay on Amino acids and proteins.
2023023460004	PRABAVATHI A	2.1. Protein sorting in mitochondria, chloroplast, endoplasmic reticulum and nucleus. 2.2. Vascular differentiation in the primary body of stem, root and leaf. 2.3. Glycolysis, TCA cycle and PP pathway.
2023023460005	RAMYA G	2.1. Structure of Prokaryotic and Eukaryotic cells 2.2. Molecular aspects of higher plant reproduction 2.3. a. Transpiration and its significance, factors affecting transpiration. 2.3.b. Mechanism of stomatal movement
2023023460006	SRIVIDHYA S	2.1. Structure and functions of Nucleus and Lysosomes 2.2. Anther development and pollen morphology 2.3.Water transport process
2023023460007	PARIMALACHELVI M	2.1. Structure and functions of Entoplasmic Reticulum and Golgi Complex. 2.2. Megasporogenesis, Female gametophyte 2.3. Ultra structure of photosynthetic apparatus.
2023023460009	BELSI RANI M	2.1. Organization and functions of Cytoskeletons. 2.2. Physical, chemical and mechanical properties of wood 2.3. C4 and C3 carbon cycles.
2023023460010	JAYANANDHINI L	2.1. Structure and functions of Chloroplast and Mitochondria 2.2. Nutrition to embryo sac and types of endosperm. 2.3. Photochemical reactions and electron transport pathway in chloroplast membranes.
2023023460011	BEULAH JANSI RANI P	2.1. Structure, assembly and functions of biological membrane. 2.2. Molecular aspects of wood differentiation. 2.3. Biological nitrogen fixation

The Last Date for Submission of Assignments is 8th April, 2024, 10:00 a.m.

The Assignments should reach the following address:

Dr. E. Kannapiran
Programme Coordinator-M. Sc., Botany
Professor& Director
Centre for Distance& Online Education, Karaikudi- 630 003