

Alagappa University, Karaikudi
 Directorate of Distance Education
 M. Sc., Botany Programme (2020-2022 Batch)
 Second Semester- Assignment Titles

Enrollment No.	Name	Assignment Titles
2020023460001	SAMUEL M	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.
2020023460002	ARUL KAVITHA V	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.
2020023460003	ANBU KIRAN SINGH S	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.
2020023460004	SUBASRI K	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.
2020023460005	MEENA S	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
2020023460006	JENIFER SHIRLY T	2.1. Structure and functions of Nucleus and Lysosomes 2.2. Anther development and pollen morphology 2.3. Water transport process
2020023460007	ARJUN S	2.1. Structure and functions of Entoplasmic Reticulum and Golgi Complex. 2.2. Megasporogenesis, Female gametophyte 2.3. Ultra structure of photosynthetic apparatus.
2020023460008	PRAVEENA D	2.1. Organization and functions of Cytoskeletons. 2.2. Physical, chemical and mechanical properties of wood 2.3. C4 and C3 carbon cycles.

Last Date for Submission of Hard Copies of Assignments: **20.04.2021**

The **Hard Copies of Assignments** should be submitted to Dr. M. Jothi Basu, Programme Coordinator, M. Sc., Botany Programme, Directorate of Distance Education, Alagappa University, Karaikudi- 630 003

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Enrollment No.	Name	Assignment Titles
2020023460009	GOWRI K	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.
2020023460010	JAYABHARATHI M	2.1. Structure, assembly and functions of biological membrane. 2.2. Molecular aspects of wood differentiation. 2.3. Biological nitrogen fixation
2020023460011	RAMYA P	2.1. Transport of ions and molecules across the membranes. 2.2. Commercial woods of south India. 2.3. Nutrient uptake and transport mechanism.
2020023460012	SARANYA S	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.
2020023460013	NIVEATHA S	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.
2020023460014	KAVIYA SHREE S	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.
2020023460015	MUTHURAMALINGAM P	2.1. Organization and functions of Cytoskeletons. 2.2. Physical, chemical and mechanical properties of wood 2.3. C4 and C3 carbon cycles.
2020023460016	SINDHUJA M	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

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