

Lesson Plan

Name of the Assistant professor: Ms. Jyotsana Chahal

Class and Section: B.Sc. (Medical) 3rd year (6th semester)

Subject: Botany

Lesson Plan: 17 weeks of (Lesson Plan Format lesson: Feb 2023 to may2023)

Week 1, Day 1-6, 20- 25 Feb 2023

- Demonstration of osmosis by potato osmoscope

Week 2, Day 1-6, 27-28 Feb2023

- Compare stomatal transpiration by 4 leaves experiment

Week 3, Day 1-6, 1-4 March 2023

- Transpiration study by Ganong's potpmer

Week 4, Day 1-6, 6-11 March 2023

- Demonstration of ascent of sap through Xylem

Week 5, Day 1-6, 13-18 March 2023

- Effect of light on the process of photosynthesis

Week 6, Day 1-6, 20-25 March 2023

- Separation of leaf pigments by paper chromatography

Week 7, Day 1-6, 27-31 march 2023

- Test of presence of carbohydrates

Week 8, Day 1-6, 3-8 April 2023

- Test of presence of Proteins

Week 9, Day 1-6, 10-15 April 2023

- Test of presence of fats

Week 10, Day 1-6, 17-22 April 2023

- Economic importance of cereals

Week 11, Day 1-6, 24-29 april 2023

- Economic importance of vegetables

Week 12, Day 1-6, 1-6 may 2023

- Economic importance of medicinal plants

Week 13, Day 1-6, 8-13 may 2023

- Demonstration of plant tissue culture (as per lab. availability)

Jyotsana