

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: January 2018 to April 2018)

Week 1, Day 1-6, 1-6 January 2018 <ul style="list-style-type: none">• Demonstration of osmosis by potato osmoscope
Week 2, Day 1-6, 8-13 January 2018 <ul style="list-style-type: none">• Compare stomatal transpiration by 4 leaves experiment
Week 3, Day 1-6, 15-20 January 2018 <ul style="list-style-type: none">• Transpiration study by Ganong's potometer
Week 4, Day 1-6, 22-27 January 2018 <ul style="list-style-type: none">• Demonstration of ascent of sap through Xylem
Week 5, Day 1-6, 29 January- 3 February 2018 <ul style="list-style-type: none">• Effect of light on the process of photosynthesis
Week 6, Day 1-6, 5-10 February 2018 <ul style="list-style-type: none">• Separation of leaf pigments by paper chromatography
Week 7, Day 1-6, 12-17 February 2018 <ul style="list-style-type: none">• Test of presence of carbohydrates
Week 8, Day 1-6, 18-24 February 2018 <ul style="list-style-type: none">• Test of presence of Proteins
Week 9, Day 1-6, 26 February-3 march 2018 <ul style="list-style-type: none">• Test of presence of fats
Week 10, Day 1-6, 5-10 march 2018 <ul style="list-style-type: none">• Economic importance of cereals
Week 11, Day 1-6, 12-17 march 2018 <ul style="list-style-type: none">• Economic importance of vegetables
Week 12, Day 1-6, 19-24 march 2018 <ul style="list-style-type: none">• Economic importance of medicinal plants
Week 13, Day 1-6, 26-31 march 2018 <ul style="list-style-type: none">• Demonstration of plant tissue culture (as per lab. availability)
Week 14, Day 1-6, 2-7 April 2018

<ul style="list-style-type: none">• Spotting of hydrophytes
Week 15, Day 1-6, 9-14 April 2018
<ul style="list-style-type: none">• Spotting of Xerophytes
Week 16, Day 1-6, 16-21 April 2018
<ul style="list-style-type: none">• Practice for spot identification
Week 17, Day 1-6, 23-28 April 2018
<ul style="list-style-type: none">• Assignments
Week 18, Day 1-6, 30 April-5 May 2018
<ul style="list-style-type: none">• assignments