

Lesson Plan

Name of Assistant/Associate Professor: Mrs. Manju

Class and section: B.Sc.-2 medical and non medical

Chemistry Lesson Plan: 17 Week (From January 2018 to April 2018)

Week 1, Day 5, Date: 05/01/2018 Chapter infrared absorption spectroscopy o Hooke's law,
Week 1, Day 6, Date: 06/01/2018 o Intensity and position of IR band
Week 2, Day 5, Date: 12/01/2018 o Measurement of IR spectrum
Week 2, Day date 18/01/2018 o revision o characteristic absorption of various functional groups
Week 3, Day 5, Date: 19/01/2018 o Application of IR spectroscopy
Week 3, Day 6, Date: 20/01/2018 o Chapter : Amines o Nomenclature of amine
Week 4, Day 6, Date: 27/01/2018 o Physical properties of amine o
Week 5, Day 5, Date: 02/02/2018 o Preparation of alkyl and aryl amines
Week 5, Day 6, Date: 03/02/2018 o Electrophilic aromatic substitution in aryl amines
Week 6, Day 5, Date: 09/02/2018 o Revision of amines
Week 7, Day 5, Date: 16/02/2018

<ul style="list-style-type: none"> ○ Chapter : 3 Diazonium salt ○ Mechanism of diazotization, structure
<p>Week 7,Day 6,Date:17/02/2018</p> <ul style="list-style-type: none"> ○ Replacement and reduction of Diazonim salt
<p>Week 8,Day 5,Date:23/02/2018</p> <p>0 revision</p> <ul style="list-style-type: none"> ○ Coupling reaction and synthetic application
<p>Week 8,Day 6,Date:24/02/2018</p> <ul style="list-style-type: none"> ○ Chapter: aldehydes and ketones ○ Synthesis of aldehydes and ketone
<p>Week 10,Day 5,Date:09/03/2018</p> <ul style="list-style-type: none"> ○ Physical properties of aldehydes and ketone
<p>Week 10,Day 6,Date:10/03/2018</p> <p>0 revision</p> <ul style="list-style-type: none"> ○ Mechism of nucleophilic addition to carbon group
<p>Week 11,Day 5,Date:16/03/2018</p> <p>0 witting reaction</p>
<p>Week 11,Day 6,Date:17/03/2018</p> <ul style="list-style-type: none"> ○ mannich reaction
<p>Week 12,Day 6,Date:24/03/2018</p> <ul style="list-style-type: none"> ○ Baeyer villiger oxidation of ketone
<p>Week 13,Day 5,Date:30/03/2018</p> <ul style="list-style-type: none"> ○ Cannizzaro reaction
<p>Week 13,Day 6,Date:31/03/2018</p> <ul style="list-style-type: none"> ○ MPV
<p>Week 14,Day 5,Date:06/04/2018</p> <ul style="list-style-type: none"> ○ Clemmensen reaction
<p>Week 14,Day 6,Date:07/04/2018</p> <ul style="list-style-type: none"> ○ Wolf kishner reaction
<p>Week 15,Day 5,Date:13/04/2018</p> <ul style="list-style-type: none"> ○ Reduction reaction
<p>Week 16,Day 5,Date:20/04/2018</p> <ul style="list-style-type: none"> ○ Revision and test
<p>Week 16,Day 6,Date:21/04/2018</p> <ul style="list-style-type: none"> ○ Revision and test
<p>Week 17,Day 5,Date:27/04/2018</p> <ul style="list-style-type: none"> ○ Revision and test
<p>Week 17,Day 6,Date:28/04/2018</p> <ul style="list-style-type: none"> ○ Revision and test