



# Aggarwal College Ballabgarh

## LESSON PLAN

17 WEEKS (JAN-APRIL)-2025

**Name of Faculty:** Manshi Tyagi

**Designation/ Department:** Assistant Professor/ Department of Chemistry

**CLASS:**B.Sc. III Year

**SEMESTER:**6

**SECTION:**

**SUBJECT:** Organic Theory II

Week		
1	7-1-2025	
	8-1-2025	Section- A: TERPENOIDS- Introduction, Classification.
	9-1-2025	Essential Oil ,Isolation
	10-1-2025	isoprene rule
	11-1-2025	Topic Continued.....
	12-1-2025	S. U. N. D. A. Y.
2	13-1-2025	
	14-1-2025	
	15-1-2025	Structure elucidation- General procedure
	16-1-2025	Topic Continued.....
	17-1-2025	Synthesis of Citral - Structure elucidation
	18-1-2025	Topic Continued.....
	19-1-2025	S. U. N. D. A. Y.
3	20-1-2025	
	21-1-2025	
	22-1-2025	Synthesis of Geraniol - Structure elucidation
	23-1-2025	Topic Continued.....

	24-1-2025	Remedial Class
	25-1-2025	Class Test
	26-1-2025	<b>REPUBLIC DAY/S. U. N. D. A. Y.</b>
4	27-1-2025	
	28-1-2025	
	29-1-2025	Section-B: <b>ALKALOIDS</b> - Introduction, classification
	30-1-2025	Topic Continued.....
	31-1-2025	Extraction
	1-2-2025	physiological action in alkaloids
	2-2-2025	<b>S. U. N. D. A. Y/BASANT PANCHAMI</b>
5	3-2-2025	
	4-2-2025	
	5-2-2025	General characteristics, general methods of determining structures, Hofman's exhaustive methylation, isolation,
	6-2-2025	Topic Continued.....
	7-2-2025	Structure elucidation and synthesis of Nicotine
	8-2-2025	Topic Continued.....
	9-2-2025	<b>S. U. N. D. A. Y</b>
6	10-2-2025	
	11-2-2025	
	12-2-2025	<b>HOLIDAY: GURU RAVIDAS JAYANTI</b>
	13-2-2025	Structure elucidation and synthesis of cocaine
	14-2-2025	Topic Continued.....
	15-2-2025	Structure elucidation and synthesis of coniine
	16-2-2025	<b>S. U. N. D. A. Y.</b>

7	17-2-2025	
	18-2-2025	
	19-2-2025	Topic Continued.....
	20-2-2025	Structure elucidation and synthesis of Piperine
	21-2-2025	Topic Continued....
	22-2-2025	Remedial Class
	23-2-2025	<b>S. U. N. D. A. Y.</b>
8	24-2-2025	
	25-2-2025	
	26-2-2025	<b>HOLIDAY: MAHA SHIVRATRI</b>
	27-2-2025	Class Test
	28-2-2025	<b>Section-C: PESTICIDES:</b> Classification of Pesticides
	1-3-2025	Natural pesticides: Nicotinides, Pyrethroids, Rotenoids, Sabodilla, Ryania,
	2-3-2025	<b>S. U. N. D. A. Y.</b>
9	3-3-2025	
	4-3-2025	
	5-3-2025	Topic Continued.....
	6-3-2025	Topic Continued.....
	7-3-2025	Synthetic pesticides: Nitrophenols, Halogens derivatives of aromatic hydrocarbons and alicyclic hydrocarbons,
	8-3-2025	Topic Continued.....
	9-3-2025	<b>S. U. N. D. A. Y.</b>
10	10-3-2025	
	11-3-2025	
	12-3-2025	Organophosphorus pesticides

	13-3-2025	Preparation, reactions and uses of DDT, BHC,
	14-3-2025	Preparation, reactions and uses of Malathion and Parathion
	15-3-2025	Topic Continued.....
	16-03-2025	<b>S. U. N. D. A. Y.</b>
11	17-3-2025	
	18-3-2025	
	19-3-2025	<b>Section D- VITAMINS:</b> Introduction, classification
	20-3-2025	pro vitamins, occurrence ,structure, Deficiency diseases of vitamins A,
	21-3-2025	Occurrence ,structure ,Deficiency diseases of vitamin D
	22-3-2025	Occurrence ,structure ,Deficiency diseases of vitamin B complex (B 1 ,B2 , B6 and B1 2 )
	23-3-2025	<b>S. U. N. D. A. Y.</b>
12	24-3-2025	
	25-3-2025	
	26-3-2025	Topic Continued.....
	27-3-2025	Deficiency diseases of vitamin C
	28-3-2025	Occurrence ,structure ,Deficiency diseases of vitamin H and K
	29-3-2025	Topic Continued.....
	30-3-2025	<b>S. U. N. D. A. Y.</b>
13	31-3-2025	<b>HOLIDAY: ID-UL-FITR</b>
	1-4-2025	
	2-4-2025	
	3-4-2025	Class Test
	4-4-2025	Remedial Class

	5-4-2025	<b>Harmones:</b> Introduction, functions, difference between harmones and Vitamins
	6-4-2025	<b>S. U. N. D. A. Y.</b>
14	7-4-2025	
	8-4-2025	
	9-4-2025	Classification and study of Thyroxine
	10-4-2025	<b>HOLIDAY: MAHAVIR JAYANTI</b>
	11-4-2025	Topic Continued.....
	12-4-2025	Classification and study of Adrenalin
	13-4-2025	<b>S. U. N. D. A. Y.</b>
15	14-4-2025	<b>HOLIDAY: AMBEDKAR JAYANTI</b>
	15-4-2025	
	16-4-2025	Classification and study of Testosterone
	17-4-2025	Classification and study of Progesterone & Estrogens
	18-4-2025	Classification and study of Cortison (structure , secreting gland and functions)
	19-4-2025	Topic Continued.....
	20-4-2025	<b>S. U. N. D. A. Y.</b>
16	21-4-2025	
	22-4-2025	
	23-4-2025	Remedial Class
	24-4-2025	Class Test
	25-4-2025	Test of Section –A
	26-4-2025	Doubt Class
	27-4-2025	<b>S. U. N. D. A. Y.</b>

17	28-4-2025	
	29-4-2025	
	30-4-2025	<b>HOLIDAY: AKSHAY TRITYA</b>
	01-05-2025	Test of Section –B
	02-05-2025	Test of Section –C
	03-05-2025	Test of Section –D
	04-05-2025	<b>S. U. N. D. A. Y.</b>

Signature