

Lesson Plan

Practicals

BSc VI Sem

BSc IV Sem

Name of the Assistant/ Associate Professor... Dr. Putam Singh

Class and Section: ~~BSc IV Sem~~, BSc IV Sem, BSc VI Sem VOL

Subject: Industrial Chemistry

Week	Date	Topics
1	1-Jan-18	BSc VI Sem How to deter. ρ max. BSc IV Sem Introduction to nitration BSc IV Sem
	2-Jan-18	Determination of ρ max. Res
	3-Jan-18	
	4-Jan-18	
	5-Jan-18	Introduction to Nitration
	6-Jan-18	Prep ⁿ of m-dinitro benzene
	7-Jan-18	Sunday
2	8-Jan-18	Introduction to refractometer
	9-Jan-18	Determination of refractive index
	10-Jan-18	
	11-Jan-18	
	12-Jan-18	Introduction to Sulphuric
	13-Jan-18	Prep ⁿ of Sulphuric acid
	14-Jan-18	Sunday
3	15-Jan-18	Determination of refractive index
	16-Jan-18	Calculations
	17-Jan-18	
	18-Jan-18	
	19-Jan-18	Introduction to diopscope
	20-Jan-18	Prep ⁿ of 1-phenyl azo 2-naphthol.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Molar refraction rotation
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	
	26-Jan-18	Republic Day
	27-Jan-18	Test of above experiments
	28-Jan-18	Sunday
	5	29-Jan-18
30-Jan-18		Determination of $[\alpha]_D^{20}$ Molar rotation
31-Jan-18		

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Pritam Singh

Class and Section: BSc VI Sem and BSc IV Sem

Subject: Industrial Chemistry Practical

Week	Date	Topics
1	1-Feb-18	BSc VI Sem
	2-Feb-18	BSc IV Sem
	3-Feb-18	Viva voce
	4-Feb-18	Sunday
2	5-Feb-18	Calculations of molar rotation
	6-Feb-18	Test of above experiments
	7-Feb-18	
	8-Feb-18	
	9-Feb-18	Viva voce
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Introduction to Flame Photometer
	13-Feb-18	Maha Shivratri
	14-Feb-18	
	15-Feb-18	
	16-Feb-18	Introduction to reduction
	17-Feb-18	Rep ⁿ of m-nitroaniline
	18-Feb-18	Sunday
	19-Feb-18	Determination of NO ⁺ content
20-Feb-18	Calculations for NO ⁺ content	
21-Feb-18		
22-Feb-18		
23-Feb-18	Test	Introduction to oxidation
24-Feb-18		Rep ⁿ of anthraquinone
25-Feb-18	Sunday	
5	26-Feb-18	Introduction to chromatography
	27-Feb-18	Determination of cations by paper chromatography
	28-Feb-18	

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Pratam Singh
 Class and Section: BSc I Sem and BSc II Sem
 Subject: Industrial Chemistry Practical

Week	Date	Topics	
1	1-Mar-18	Guru Ravidas Birthday	<u>BSc IV Sem</u>
	2-Mar-18	Holi	
	3-Mar-18		
	4-Mar-18	Sunday	
2	5-Mar-18	Determination by TLC	<u>Preparation of p-nitro benzoic acid</u>
	6-Mar-18	Calculations for chromatography	
	7-Mar-18		
	8-Mar-18		
	9-Mar-18		
	10-Mar-18		
	11-Mar-18	Sunday	
3	12-Mar-18	An Introduction to Viscosity	<u>Preparation of nitrobenzene</u> <u>Preparation of Sulphalilic acid</u>
	13-Mar-18	Determination of viscosity by viscometer	
	14-Mar-18		
	15-Mar-18		
	16-Mar-18		
	17-Mar-18		
	18-Mar-18	Sunday	
4	19-Mar-18	Determination of co-efficient of viscosity	
	20-Mar-18	Calculations for viscosity	
	21-Mar-18		
	22-Mar-18		
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru & Sukhdev	
	24-Mar-18		
	25-Mar-18	Sunday/ Ram Navami	
5	26-Mar-18	An Introduction to Surface Tension	<u>Preparation of azodye</u> <u>Viva</u>
	27-Mar-18	Determination of Surface Tension	
	28-Mar-18		
	29-Mar-18	Mahavir Jayanti	
	30-Mar-18		
	31-Mar-18		

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Pritam Singh
 Class and Section: BSc VI Sem and BSc IV Sem
 Subject: Industrial Chemistry Practical 2

Week	Date	Topics
1	1-Apr-18	Sunday BSc VI Sem
	2-Apr-18	BSc IV Sem Calculations for Surface Tension
	3-Apr-18	An Introduction to Estimation
	4-Apr-18	
	5-Apr-18	
	6-Apr-18	Test of above experiments
	7-Apr-18	Test of above experiments
	8-Apr-18	Sunday
	2	9-Apr-18
10-Apr-18		Calculations for estimation
11-Apr-18		
12-Apr-18		
13-Apr-18		Viva Voce
14-Apr-18		Dr Ambedkar Jayanti / Vaisakhi
15-Apr-18		Sunday
3		16-Apr-18
	17-Apr-18	Viva Voce
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	
	20-Apr-18	Test
	21-Apr-18	Viva Voce
	22-Apr-18	Sunday
	4	23-Apr-18
24-Apr-18		Viva Voce
25-Apr-18		
26-Apr-18		
27-Apr-18		Viva Voce
28-Apr-18		Viva Voce