

Name : Dr. (Mrs.) Vijay Sharma
 Class and Section : B.Sc. Ist year , IInd sem.
 Subject : Industrial Chemistry (Paper-202) Theory

Week	Date	Topic
1	1-Jan-19	Introduction of crystallization process
	2-Jan-19	Concept of super saturation
	3-Jan-19	
	4-Jan-19	
	5-Jan-19	
	6-Jan-19	Sunday
	2	7-Jan-19
8-Jan-19		Nucleation , Primary nucleation
9-Jan-19		Secondary nucleation
10-Jan-19		
11-Jan-19		
12-Jan-19		
13-Jan-19		Sunday
3	14-Jan-19	Nuclear growth AL law of crystal growth
	15-Jan-19	Caking of crystals and factors affecting caking
	16-Jan-19	Prevention of caking and circulating liquid evaporators
	17-Jan-19	
	18-Jan-19	
	19-Jan-19	
	20-Jan-19	Sunday
4	21-Jan-19	Material balance involving chemical reaction
	22-Jan-19	Introduction and conceptual study terms involved
	23-Jan-19	Stoichiometric equations and stoichiometric coefficients
	24-Jan-19	
	25-Jan-19	Sir Chhotu Ram Jayanti
	26-Jan-19	Republic Day
	27-Jan-19	Sunday
5	28-Jan-19	Limiting reactant , excess reactant , conversion

	29-Jan-19	Recycling operations and need for their adoption
	30-Jan-19	Energy balance : Introduction
	31-Jan-19	

Week	Date	Topic
1	1-Feb-19	
	2-Feb-19	
	3-Feb-19	Sunday
2	4-Feb-19	Law of conservation of energy
	5-Feb-19	Brief outline of general procedure for making energy balance calculations
	6-Feb-19	Enthalpy changes accompanying a chemical reaction
	7-Feb-19	
	8-Feb-19	
	9-Feb-19	
	10-Feb-19	VasantPanchami / Sunday
3	11-Feb-19	Hess's law of constant heat summation
	12-Feb-19	Heat capacity , heat capacity of pure gases at constant pressure and constant volume
	13-Feb-19	Relation between C_p and C_v
	14-Feb-19	
	15-Feb-19	
	16-Feb-19	
	17-Feb-19	Sunday
4	18-Feb-19	Introduction of fluids flow
	19-Feb-19	Guru Ravi Dass Birthday
	20-Feb-19	Conceptual study of compressible and incompressible fluids

	21-Feb-19	
	22-Feb-19	
	23-Feb-19	
	24-Feb-19	Sunday
5	25-Feb-19	Nature of fluid flow-streamline or laminar flow
	26-Feb-19	Turbulent flow and Reynolds number
	27-Feb-19	Applications of Reynolds number
	28-Feb-19	

Week	Date	Topic
1	1-Mar-19	MahaShivratri
	2-Mar-19	
	3-Mar-19	Sunday
2	4-Mar-19	Class test of section I and section II (Assignment)
	5-Mar-19	Introduction of heat transfer
	6-Mar-19	Mode of heat transfer
	7-Mar-19	
	8-Mar-19	
	9-Mar-19	
	10-Mar-19	Sunday
3	11-Mar-19	Fourier law of heat conduction
	12-Mar-19	Equipment : brief study of finned tube heat exchanger
	13-Mar-19	Brief study of extended surface heat exchanger
	14-Mar-19	
	15-Mar-19	
	16-Mar-19	
	17-Mar-19	Sunday

4	18-Mar-19	University Holidays
	19-Mar-19	University Holidays
	20-Mar-19	University Holidays
	21-Mar-19	University Holidays
	22-Mar-19	University Holidays
	23-Mar-19	University Holidays
	24-Mar-19	Sunday
5	25-Mar-19	Corrugation and types of corrugation
	26-Mar-19	Scraped surface heat exchanger
	27-Mar-19	Air cooled heat exchanger
	28-Mar-19	
	29-Mar-19	
	30-Mar-19	
	31-Mar-19	Sunday

Week	Date	Topic
1	1-Apr-19	Basic specification of water used for steam production
	2-Apr-19	Various applications of steam
	3-Apr-19	Titrimetric analysis : theoretical consideration
	4-Apr-19	
	5-Apr-19	
	6-Apr-19	
	7-Apr-19	Sunday
2	8-Apr-19	Primary and Secondary standards
	9-Apr-19	Neutralization indicators and mixed indicators
	10-Apr-19	Universal indicators , neutralization curves
	11-Apr-19	
	12-Apr-19	
	13-Apr-19	

	14-Apr-19	Vaisakhi / AmbedkarJyanti / Sunday
3	15-Apr-19	Choice of indication in neutralization reactions
	16-Apr-19	Complexation titrations
	17-Apr-19	MahavirJayanti
	18-Apr-19	
	19-Apr-19	
	20-Apr-19	
	21-Apr-19	Sunday
	4	22-Apr-19
23-Apr-19		Precipitation titrations
24-Apr-19		Test of section III and Section IV (Assignment)
25-Apr-19		
26-Apr-19		
27-Apr-19		
28-Apr-19		Sunday
5	29-Apr-19	Revision
	30-Apr-19	Revision