

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. (Mrs) Vijaya Sharma
 Class and Section: B.Sc. III (VI Sem) (Theory) + B.Sc. III (Practical)
 Subject: Industrial Chemistry (Paper code 602) Theory.

Week	Date	Topics
1	1-Jan-18	Quality and specification of some excipients used in Pharma industry.
	2-Jan-18	Introduction and types of excipients.
	3-Jan-18	1. Binders - Acacia (its specification and quality test)
	4-Jan-18	
	5-Jan-18	B.Sc. III (P)
	6-Jan-18	B.Sc. III (P)
	7-Jan-18	Sunday
2	8-Jan-18	Viscosity Builders - Carboxymethyl cellulose sodium
	9-Jan-18	Coating agents - cellulose acetate phthalate.
	10-Jan-18	Antioxidants - Butylated Hydroxy anisole.
	11-Jan-18	B.Sc. III (P)
	12-Jan-18	B.Sc. III (P)
	13-Jan-18	B.Sc. III (P)
	14-Jan-18	Sunday
3	15-Jan-18	Specification and quality of Diluents - lactose.
	16-Jan-18	Specification of sweeteners - Mannitol, Sorbitol.
	17-Jan-18	Specification of Lubricants - Magnesium stearate.
	18-Jan-18	
	19-Jan-18	B.Sc. III (P)
	20-Jan-18	B.Sc. III (P)
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Antimicrobial Preservative - Phenyl mercuric nitrate.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Class test
	26-Jan-18	Republic Day
	27-Jan-18	B.Sc. III (P)
	28-Jan-18	Sunday
5	29-Jan-18	Emulsifying agents - Sodium lauryl sulfate, Colouring agents,
	30-Jan-18	Lubricant glideant - Talc.
	31-Jan-18	Classification of Analgesic drugs.

Vijaya

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Name of the Assistant/ Associate Professor: Dr. C. M. S. Vijay Shama

Class and Section: B.Sc. III (VI Sem)

Subject: medicinal chemistry

Week	Date	Topics
1	1-Feb-18	
	2-Feb-18	B.Sc III (P)
	3-Feb-18	B.Sc III (P)
	4-Feb-18	Sunday
2	5-Feb-18	continue classification of analgesic drugs.
	6-Feb-18	classification of antipsychotic drugs.
	7-Feb-18	classification of cardiovascular drugs.
	8-Feb-18	
	9-Feb-18	B.Sc III (P)
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Class test of section I and Assignment - Maha Shivratri
	13-Feb-18	
	14-Feb-18	Introduction of antimicrobial agents and synthesis of Isoniazid.
	15-Feb-18	Synthesis and uses of p-aminosalicylic acid.
	16-Feb-18	B.Sc III (P)
	17-Feb-18	B.Sc III (P)
	18-Feb-18	Sunday
4	19-Feb-18	Synthesis of antimicrobial agents - p-aminosalicylic acid.
	20-Feb-18	Introduction of anti-inflammatory agents and synthesis of Ibuprofen.
	21-Feb-18	synthesis of salicylic acid and its derivatives.
	22-Feb-18	
	23-Feb-18	Test B.Sc III (P)
	24-Feb-18	B.Sc III (P)
25-Feb-18	Sunday	
5	26-Feb-18	Introduction of vitamins and its types.
	27-Feb-18	Synthesis and uses of Vitamin A.
	28-Feb-18	University vacation

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 Class and Section: B.Sc. III (VI Sem)
 Subject: Industrial Chemistry

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	B.Sc III (CP)
	4-Mar-18	Sunday
2	5-Mar-18	Synthesis and uses of Vitamin C and its deficiency disease.
	6-Mar-18	Synthesis and uses of Vitamin B ₆ (Pyridoxine) and its deficiency disease.
	7-Mar-18	Introduction of Sulpha drug and synthesis of sulfonamides
	8-Mar-18	
	9-Mar-18	B.Sc III (CP)
	10-Mar-18	B.Sc III (CP)
	11-Mar-18	Sunday
3	12-Mar-18	Class test (Section II) Assignment II.
	13-Mar-18	Synthesis of Sulphamethoxazole drug.
	14-Mar-18	Introduction of Hypnotics and sedative drugs and its types.
	15-Mar-18	
	16-Mar-18	B.Sc III (CP)
	17-Mar-18	B.Sc III (CP)
	18-Mar-18	Sunday
4	19-Mar-18	Classification of Barbiturates and its synthesis.
	20-Mar-18	Synthesis of Pentobarbital sodium and its clinical use.
	21-Mar-18	Introduction of cardiovascular agents and synthesis of Methyldopa.
	22-Mar-18	
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev.
	24-Mar-18	A.Sc III (CP)
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Introduction of Fermentation process.
	27-Mar-18	General principle and types of fermentation process.
	28-Mar-18	General outline of Fermentation Technology.
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	B.Sc III (CP)
	31-Mar-18	B.Sc III (CP)

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Name of the Assistant/ Associate Professor: Dr. (Mrs) Vijay Sharma

Class and Section: B.Sc. III (VI Sem)

Subject: Industrial Chemistry

Week	Date	Topics
1		Sunday
	1-Apr-18	
	2-Apr-18	Details of inoculum preparation.
	3-Apr-18	Fermentation media and recovery of products.
	4-Apr-18	Purification processes used for recovery of products by fermentation.
	5-Apr-18	
	6-Apr-18	
	7-Apr-18	B.Sc. III (P)
	8-Apr-18	Sunday
2	9-Apr-18	Introduction and history of antibiotics.
	10-Apr-18	Commercial manufacturing of Penicillin G and its clinical uses.
	11-Apr-18	Flow chart for the manufacturing of Penicillin G and its purification.
	12-Apr-18	
	13-Apr-18	B.Sc. III (P)
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
	16-Apr-18	Class test of section (III)
3	17-Apr-18	Commercial manufacturing of Rifamycin and its clinical uses. Parashurama Jayanti
	18-Apr-18	
	19-Apr-18	
	20-Apr-18	
	21-Apr-18	B.Sc. III (P)
	22-Apr-18	Sunday
	23-Apr-18	Commercial manufacturing of Tetracycline and its uses.
24-Apr-18	Commercial manufacturing of cyanocobalamin and its uses.	
25-Apr-18	Revision onward.	
26-Apr-18		
27-Apr-18		
28-Apr-18		

[Signature]