

Performa : Hindu College of Pharmacy				
Lesson Plan				
Name of the faculty		Sangeet Sharma		
Discipline		Pharmacy		
Semester		2 nd Year		
Subject		PHARMACEUTICS-II		
Lesson plan Duration		25 weeks (july 16, 2018 to April 06, 2019)		
Work Load/week(In hour)		Lecture- 03; Practical- 08		
Week	Theory		Practical	
	Lecture Day	Topic	Practical Day	Topic
1 st (JULY3 rd week)	1 st	Prescriptions-Reading and understanding of prescription	1 st (Batch A)	Pharmacist OATH General Instructions Prescription Latin Terms.
	2 nd	Latin terms, Modern methods of prescribing	2 nd (Batch B)	----do----
	3 rd	Metric System. Calculations involved in dispensing.		
2 nd (JULY4 th week)	1 st	Incompatibilities	1 st (Batch A)	Preparation of Simple Syrup, Ginger Syrup Chloral hydrate elixir.
	2 nd	Types of incompatibilities	2 nd (Batch B)	----do----
	3 rd	Physical Incompatibility		
3 rd (JULY 5 TH /AUG.1 ST week)	1 st	Chemical incompatibilities	1 st (Batch A)	Preparation of Gargle & Mouthwash
	2 nd	Chemical incompatibilities	2 nd (Batch B)	----do----
	3 rd	Chemical incompatibilities		
4 th (AUG. 2 nd week)	1 st	Therapeutic incompatibilities	1 st (Batch A)	Preparation of Enema & Mucilage
	2 nd	Test of Incompatibilities	2 nd (Batch B)	----do----
	3 rd	Posology Calculations of doses		
5 th (AUG. 3 rd week)	1 st	Factors influencing dose	1 st (Batch A)	<i>Viva –voca & File check</i>
	2 nd	Types of powders	2 nd (Batch B)	----do----
	3 rd	Types of powders		
6 th (AUG.4 th week)	1 st	Preparation of different types of powders	1 st (Batch A)	Preparation of Inhalations
	2 nd	Weighing methods, possible errors in weighing	2 nd (Batch B)	----do----
	3 rd	minimum weighable amounts		
7 th (AUG.5 TH week)	1 st	care of dispensing balance.	1 st (Batch A)	Preparation of Eye drops
	2 nd	Monophasic liquid dosage	2 nd (Batch B)	----do----

		forms(Mixtures and concentrates	B)	
	3rd	Gargles, Syrups.		
8th(SEPT.2ND week)	1st	Mouth washes Throat-paints	1st (Batch A)	Preparation of Ear drops.
	2nd	Douches Elixirs Ear Drops	2nd (Batch B)	----do----
	3rd	Nasal drops & Sprays, Liniments Lotions.		
9th(SEPT.3RD week)	1st	Suspensions./ Flocculated & deflocculated suspensions	1st (Batch A)	Viva-voca & file check.
	2nd	Preparation of Suspensions containing diffusible solids/Indiffusible solids	2nd (Batch B)	----do----
	3rd	Suspensions of precipitate forming liquids/ by chemical reaction		
10th(SEPT.4TH week)	1st	Test of Suspensions	1st (Batch A)	Preparation of Liniments
	2nd	formulation of emulsions	2nd (Batch B)	----do----
	3rd	identification of emulsion system		
11th(SEPT.5TH week)	1st	Instabilities in emulsions	1st (Batch A)	Preparation of lotions
	2nd	Preservation of emulsions.	2nd (Batch B)	----do----
	3rd	Emulsifying Agents		
12th(OCT.1ST week)	1st	Test of Emulsions.	1st (Batch A)	Preparation of Emulsions
	2nd	Types of ointments	2nd (Batch B)	----do----
	3rd	selection of dermatological vehicles		
13th(OCT.2ND week)	1st	selection of dermatological vehicles	1st (Batch A)	Preparation of Suspensions
	2nd	Preparation of ointments	2nd (Batch B)	----do----
	3rd	stability of ointments		
14th(OCT.4TH /5TH week)	1ST Sessional Examinations.			
15th(NOV.3RD week)	1st	Bases of paste	1st (Batch A)	Preparation of Suspensions
	2nd	Preparation of pastes and their preservation.	2nd (Batch B)	----do----
	3rd	different types of jellies and their preparation.		
16th(NOV.4TH week)	1st	Test of Ointments.	1st (Batch A)	Viva-voca & file check
	2nd	types of suppositories,	2nd (Batch	

		suppository bases	B)	
	3rd	Preparation and packing of suppositories,		
16th(DEC.2ND week)	1st	Use of suppositories for drug absorption.	1st (Batch A)	Preparation of ointments
	2nd	Test of suppositories	2nd (Batch B)	----do----
	3rd	Classification of Cosmetics		
17th(DEC.3RD week)	1st	Dentrifices	1st (Batch A)	Preparation of Antiseptic cream
	2nd	Face Powders	2nd (Batch B)	----do----
	3rd	Cold Creams		
18TH (DEC.3RD /4TH WEEK)	2ND SESSIONAL EXAMINATION.			
19th(JAN.2ND week)	1st	Cleansing creams	1st (Batch A)	Preparation of Cold cream
	2nd	Tutorial/Test	2nd (Batch B)	----do----
	3rd	Vanishing Creams & foundation creams		
20th(JAN.3RD week)	1st	Moisturising creams & lipsticks	1st (Batch A)	Viva-voca & File Check
	2nd	Shaving creams.	2nd (Batch B)	----do----
	3rd	Deodorants, Antiperspirants		
21th(JAN.4TH /5TH week)	1st	Hair dressings & hair removers	1st (Batch A)	Preparation of Paste
	2nd	Antidandruff preparation	2nd (Batch B)	----do----
	3rd	Tutorial/Test		
22st(FEB.2ND /3RD week)	1st	Types of parenteral formulations.	1st (Batch A)	Preparation of Jelly
	2nd	Formulation of Parenteral preparation	2nd (Batch B)	----do----
	3rd	Quality control of parenterals		
23RD(FEB.4TH week)	1st	Preparation of Intravenous fluids and admixtures	1st (Batch A)	Viva-voca & File Check
	2nd	Dialysis fluids	2nd (Batch B)	----do----
	3rd	Sterility testing		
24TH (MAR.2ND week)	1st	Particulate matter monitoring Faulty seal packaging.	1st (Batch A)	Preparation of Powders
	2nd	Tutorial/Test	2nd (Batch B)	----do----
	3rd	Test of Sterile dosage forms		
25TH (MAR.3RD /4TH WEEK)	3RD SESSIONAL EXAMINATION.			
26th(MAR.5TH week)	1st	Types of Ophthalmic	1st (Batch	Incompatibility

		Preparation	A)	
	2nd	Eye suspensions & Eye ointments	2nd (Batch B)	----do----
	3rd	Formulation additives in Ophthalmic preparation.		
27th (APR.1ST week)	1st	Ophthalmic Inserts	1st (Batch A)	Viva-voca &File Check
	2nd	special precautions in handling and storage of ophthalmic products.	2nd (Batch B)	----do----
	3rd	Tutorial/Test		