

Performa : Hindu College of Pharmacy				
Lesson Plan				
Name of the faculty		Preeti Garg		
Discipline		Pharmacy		
Semester		2 nd Year		
Subject		Hospital & Clinical Pharmacy.		
Lesson plan Duration		25 weeks (July 17, 2018 to March 20, 2019)		
Work Load/week(In hour)		Lecture- 03; Practical- 04		
Week	Theory		Practical	
	Lecture Day	Topic	Practical Day	Topic
1 st (JULY 3 rd week)	1 st	Hospitals Definition, Function, Classifications based on various criteria	1 st (Batch A)	To Operate Sterilization Equipments.
	2 nd	Organisation & Management of Hospital	2 nd (Batch B)	----do----
	3 rd	Health delivery system in India.		
2 nd (JULY 4 th week)	1 st	Functions and objectives of Hospital Pharmaceutical services	1 st (Batch A)	To Operate Sterilization Equipments.
	2 nd	Location, Layout, Flow chart of material and men	2 nd (Batch B)	----do----
	3 rd	Personnel and facilities requirements including equipments based on individual and basic needs		
3 rd (JULY 5 th /AUG. 1 st week)	1 st	Requirements and abilities required for Hospital pharmacists	1 st (Batch A)	Sterilization of conical flask, pipette, beaker etc.
	2 nd	Drug Distribution system in Hospitals :Out-patient services	2 nd (Batch B)	----do----
	3 rd	In-patient services- types of services , unit Dose system, Floor ward stock system		
4 th (AUG. 2 nd week)	1 st	Satellite pharmacy services, Central sterile services	1 st (Batch A)	Viva voca
	2 nd	Bed Side Pharmacy	2 nd (Batch B)	----do----
	3 rd	Revision		
5 th (AUG. 3 rd week)	1 st	Sterile manufacture-large and small volume parenterals	1 st (Batch A)	Sterilization of surgical dressings
	2 nd	facilities, requirements, layout production planning of parenterals	2 nd (Batch B)	----do----
	3 rd	Non-sterile manufacture- Liquid orals, externals-bulk concentrates		

6th(AUG.4th week)	1st	Non-sterile manufacture- Liquid orals, externals-bulk concentrates	1st (Batch A)	Sterilization of surgical dressings
	2nd	Procurement of stores and testing of raw materials	2nd (Batch B)	----do----
	3rd	Revision	1st (Batch A)	Sterilization of surgical dressings
7th(SEPT.1TH week)	1st	Nomenclature of surgical instruments		
	2nd	Uses of surgical instruments	2nd (Batch B)	----do----
	3rd	Hospital Equipments and health accessories		
8th(SEPT.2ND week)	1st	Revision	1st (Batch A)	Viva Voca
	2nd	P.T.C (Pharmacy Therapeutic Committee)	2nd (Batch B)	----do----
	3rd	P.T.C (Pharmacy Therapeutic Committee)		
9th(SEPT.3RD week)	1st	Hospital Formulary System and their organisation	1st (Batch A)	Sterilization of Rubber gloves.
	2nd	functioning, composition of Hospital formulary system.	2nd (Batch B)	----do----
	3rd	Drug Information service		
10th(SEPT.4TH week)	1st	Drug Information Bulletin	1st (Batch A)	Sterilization of Ryals tubes,Catheter)
	2nd	Revision	2nd (Batch B)	----do----
	3rd	Surgical dressing (cotton, gauze)		
11th(OCT.1ST week)	1st	Surgical dressing (bandages and adhesive tapes)	1st (Batch A)	Viva voca
	2nd	Pharmacopoeial tests for quality of surgical dressings.	2nd (Batch B)	----do----
	3rd	Pharmacopoeial tests for quality of surgical dressings.		
12th(OCT.2ND week)	1st	Revision	1st (Batch A)	Sterilization of syringes & needles.
	2nd	Application of computer in Pharmacy	2nd (Batch B)	----do----
	3rd	Application of computer in Pharmacy		
13th(OCT.3TH week)	1st	Clinical Pharmacy(Introduction Definition, scope)	1st (Batch A)	Sterilization of different surgical instruments.
	2nd	Pharmacists and Patient counselling	2nd (Batch B)	----do----
	3rd	Advice to patient for the use of common drugs, medication history		
14th(NOV. 2ND week)	1st	Common daily terminology used in the Practice of	1st (Batch A)	To study the various health accessories.

		Medicine		
	2 nd	Revision	2 nd (Batch B)	----do----
	3 rd	Disease, manifestation and pathophysiology of Tuberculosis, Hepatitis, Epilepsy		
15 th (NOV. 3 RD week)	1 st	Rheumatoid Arthritis, Diabetes, Peptic Ulcer	1 st (Batch A)	Viva voca
	2 nd	Cardiovascular diseases	2 nd (Batch B)	----do----
	3 rd	Cardiovascular diseases		
16 th (NOV. 4 TH week)	1 st	Physiological parameters with their significance	1 st (Batch A)	To study Physiological Significance of major electrolytes.
	2 nd	Physiological parameters with their significance	2 nd (Batch B)	----do----
	3 rd	Revision		
17 th (DEC. 1 ST week)	1 st	Mechanism of Drug Interaction	1 st (Batch A)	To Prepare water for injection.
	2 nd	Mechanism of Drug Interaction	2 nd (Batch B)	----do----
	3 rd	Drug-drug interaction		
18 th (DEC. 2 ND week)	1 st	Drug-drug interaction	1 st (Batch A)	To Prepare Normal saline solution(0.9% NaCl) &(5% dextrose)
	2 nd	Drug-drug interaction	2 nd (Batch B)	----do----
	3 rd	Drug-food interaction		
19 th (JAN. 2 ND week)	1 st	Adverse Drug Reactions	1 st (Batch A)	To prepare compound sodium chloride injection I.P
	2 nd	Adverse Drug Reactions	2 nd (Batch B)	----do----
	3 rd	Drug-induced diseases		
20 th (JAN. 3 RD week)	1 st	Drug-induced diseases	1 st (Batch A)	Viva voca
	2 nd	Teratogenicity	2 nd (Batch B)	----do----
	3 rd	Revision		
21 st (JAN. 4 TH week)	1 st	General treatment of poisoning, systematic antidotes	1 st (Batch A)	To prepare compound sodium Lactate injection I.P
	2 nd	Treatment of insecticide poisoning, Organophosphours poisoning.	2 nd (Batch B)	----do----
	3 rd	Heavy metal poisoning		
22 nd (FEB. 2 ND week)	1 st	Narcotic drugs poisoning	1 st (Batch A)	To prepare mannitol & Sodium bicarbonate I.V Infusion.
	2 nd	Revision	2 nd (Batch B)	----do----
	3 rd	Drug dependences, Drug abuse		
23 rd (FEB. 3 RD week)	1 st	Drug dependences, Drug abuse	1 st (Batch A)	Viva voca

	2 nd	Addictive drugs and their treatment	2 nd (Batch B)	----do----
	3 rd	Addictive drugs and their treatment		
24 th (FEB. 4 TH week)	1 st	Revision	1 st (Batch A)	To perform test for Absorbent cotton wool
	2 nd	Bioavailability of drugs	2 nd (Batch B)	----do----
	3 rd	Bioavailability of drugs		
25 th (MAR.4 TH week)	1 st	factors affecting Bioavailability	1 st (Batch A)	To study Use of computer in pharmacy
	2 nd	factors affecting Bioavailability	2 nd (Batch B)	----do----
	3 rd	Revision		