

Performa : Bhagwan Mahaveer Institute of Medical Sciences, Jagdishpur				
Lesson Plan				
Name of the faculty		Ms. Vadi Ranjan		
Discipline		Pharmacy		
Semester		2 nd Year		
Subject		Hospital & Clinical Pharmacy.		
Lesson plan Duration		25 weeks (July 22, 2019 to March 30, 2020)		
Work Load/week(In hour)		Lecture- 03; Practical- 04		
Week	Theory		Practical	
	Lecture Day	Topic	Practical Day	Topic
1 st (JULY 4 th 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 5 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 (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		

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

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