

Performa : Hindu College of Pharmacy				
Lesson Plan				
Name of the faculty		Mrs. Monica Kaushik		
Discipline		Pharmacy		
Semester/year		Diploma 2 <sup>nd</sup> Year		
Subject		Pharmacology		
Lesson plan Duration		25 weeks ( July 16 2018 to March 30, 2019)		
Work Load/week (hrs)		Lecture- 03; Practical- 02/batch		
Week	Theory		Practical	
	Lecture	Topic	Practical	Topic
1 <sup>st</sup> (July 3 <sup>rd</sup> week)	1 <sup>st</sup>	Introduction and scope	1 <sup>st</sup> (Batch A)	Introduction
	2 <sup>nd</sup>	Routes of administration	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Routes of administration		
2 <sup>nd</sup> (July 4 <sup>th</sup> week)	1 <sup>st</sup>	Absorption of drugs	1 <sup>st</sup> (Batch A)	Laboratory animals
	2 <sup>nd</sup>	Distribution of Drug	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Metabolism and excretion of drug		
3 <sup>rd</sup> (Aug. 1 <sup>st</sup> week)	1 <sup>st</sup>	Drug action	1 <sup>st</sup> (Batch A)	Laboratory equipments
	2 <sup>nd</sup>	Drug action	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	NSAIDs		
4 <sup>th</sup> (Aug. 2 <sup>nd</sup> week)	1 <sup>st</sup>	Antiparkinsonian Drugs	1 <sup>st</sup> (Batch A)	Laboratory techniques
	2 <sup>nd</sup>	Cholinergic drugs	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Anti-cholinergic drugs		
5 <sup>th</sup> (Aug. 3 <sup>rd</sup> week)	1 <sup>st</sup>	Adrenergic drugs	1 <sup>st</sup> (Batch A)	Physiological Salt Solutions
	2 <sup>nd</sup>	Adrenergic drugs	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Anti-adrenergic drugs		
6 <sup>th</sup> (Aug. 4 <sup>th</sup> week)	1 <sup>st</sup>	Hypnotics and sedatives	1 <sup>st</sup> (Batch A)	Routes of admin.
	2 <sup>nd</sup>	Local anaesthetics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	General anaesthetics		
7 <sup>th</sup> (Sept. 1 <sup>st</sup> Week)	1 <sup>st</sup>	Drugs acting on eyes	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Antihistaminics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Insulin		
8 <sup>th</sup> (Sept. 4 <sup>th</sup> Week)	1 <sup>st</sup>	Oral Hypoglycemics	1 <sup>st</sup> (Batch A)	-Revision & Viva-voce
	2 <sup>nd</sup>	Oral Hypoglycemics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Antacids and antiulcer drugs		
9 <sup>th</sup> (Oct. 1 <sup>st</sup> Week)	1 <sup>st</sup>	Emetics and antiemetics	1 <sup>st</sup> (Batch A)	DRC
	2 <sup>nd</sup>	Purgative, laxative and antispasmodics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Expectorants and antitussive		
10 <sup>th</sup> (Oct. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Drugs acting on respiratory system	1 <sup>st</sup> (Batch A)	Local anaesthetics
	2 <sup>nd</sup>	Diuretics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Diuretics and antidiuretics		
11 <sup>th</sup> (Oct. 3 <sup>rd</sup> Week)	1 <sup>st</sup>	Antihypertensive drugs	1 <sup>st</sup> (Batch A)	Effects of drugs on eye: pupil size, IOT, Corneal and light reflex
	2 <sup>nd</sup>	Antihypertensive drugs	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Antianginal drugs		
12 <sup>th</sup> (Oct. 4 <sup>th</sup> Week)	1 <sup>st</sup>	Cardiac glycosides	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Antiarrhythmic agents	2 <sup>nd</sup> (Batch B)	-do-

	3 <sup>rd</sup>	Vasodilators		
13 <sup>th</sup> (Nov. 1 <sup>st</sup> Week)	1 <sup>st</sup>	General Chemotherapy	1 <sup>st</sup> (Batch A)	Analgesic activity by Eddy's hot plate
	2 <sup>nd</sup>	Sulphonamides	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Urinary antiseptics		
14 <sup>th</sup> (Nov. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Penicillins	1 <sup>st</sup> (Batch A)	Repeat
	2 <sup>nd</sup>	Streptomycins	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Tetracyclins		
15 <sup>th</sup> (Dec. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Disinfectants and antiseptics	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Disinfectants and antiseptics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Antithyroid drugs		
16 <sup>th</sup> (Dec. 3 <sup>rd</sup> Week)	1 <sup>st</sup>	Chemotherapy of cancer	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Chemotherapy of cancer	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Chemotherapy of cancer		
17 <sup>th</sup> (Jan. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Chemotherapy of tuberculosis	1 <sup>st</sup> (Batch A)	Locomotor effects of drugs using actophotometer
	2 <sup>nd</sup>	Chemotherapy of tuberculosis	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Chemotherapy of leprosy		
18 <sup>th</sup> (Jan. 3 <sup>rd</sup> Week)	1 <sup>st</sup>	Chemotherapy of malaria	1 <sup>st</sup> (Batch A)	Effects of drugs on isolated frog heart
	2 <sup>nd</sup>	Chemotherapy of protozoal diseases	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Anthelmintics drugs		
19 <sup>th</sup> (Jan. 4 <sup>th</sup> Week)	1 <sup>st</sup>	Antifungal drugs	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Antiviral drugs	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Antiviral drugs		
20 <sup>th</sup> (Feb. 1 <sup>st</sup> Week)	1 <sup>st</sup>	Haematinics	1 <sup>st</sup> (Batch A)	Effect of drugs on heart
	2 <sup>nd</sup>	Coagulants and anticoagulants	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Blood substitutes, Haemostatics and plasma expanders		
21 <sup>st</sup> (Feb. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Drugs used in atherosclerosis	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Sex hormones	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Oral contraceptives		
22 <sup>nd</sup> (Feb. 3 <sup>rd</sup> Week)	1 <sup>st</sup>	Corticosteroids	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Serotonin, and Prostaglandins	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Neuromuscular blockers		
23 <sup>rd</sup> (Mar. 2 <sup>nd</sup> Week)	1 <sup>st</sup>	Neurones blockers and ganglion blockers	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Narcotic analgesics	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Anti-convulsants		
24 <sup>th</sup> (Mar. 3 <sup>rd</sup> Week)	1 <sup>st</sup>	Psychopharmacological agents	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Psychopharmacological agents	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Antidiarrhoeal drugs		
25 <sup>th</sup> (Mar. 4 <sup>th</sup> Week)	1 <sup>st</sup>	Anti-rheumatic & anti-gout drugs	1 <sup>st</sup> (Batch A)	Revision & Viva-voce
	2 <sup>nd</sup>	Muscle relaxants	2 <sup>nd</sup> (Batch B)	-do-
	3 <sup>rd</sup>	Carminatives and digestants		