

Monthly Lesson Plan

Name of the faculty	Mrs. Manisha Sharma
Semester/year	Diploma 2 nd Year
Subject	Biochemistry and clinical Pathology
Lesson plan Duration	OCTOBER- 2023
Workload/week(hrs)	Lecture-03; Tutorial -1, Practical-01/batch

MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
OCT/2nd	2 nd	Lipoproteins functions in the body	To perform qualitative analysis of carbohydrates .(starch)
	3 rd	Qualitative tests and functions of lipids	
	Tutorial	Revision	
OCT/3rd	1 st	Nucleic acids Definition, purine and pyrimidine base	To perform qualitative analysis of amino acids (glycine)
	2 nd	Nomenclature of purine and pyrimidine base	
	3 rd	Components of nucleosides and nucleotides with examples	
	Tutorial	Revision	
OCT/4th	1 st	Components of nucleosides and nucleotides with examples	To perform qualitative analysis of amino acids . (egg albumin)
	2 nd	Structure of DNA (Watson and Crick model),	
	3 rd	RNA and their functions	
	Tutorial	ASSIGNMENT	
OCT/5th	1 st	Enzymes Definition, properties	To perform qualitative analysis of amino acids . (alanine)
	3 rd	IUB and MB classification	
OCT/6th	1 st	Factors affecting enzyme activity	To perform qualitative analysis of amino acids . (alanine)
	2 nd	Factors affecting enzyme activity	

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Himachal institute of Pharmacy			
Monthly Lesson Plan			
Name of the faculty	Mrs. Manisha Sharma		
Discipline	Pharmacy		
Semester/year	Diploma 2 nd Year		
Subject	Community Pharmacy and Management		
Lesson plan Duration	OCT - 2023		
Work Load/week (hrs)	Lecture- 03; Tutorial -1, Practical -1 / week		
MONTH/W eek	THEORY		Practical Practical Topic
	Lecture	TOPIC	
OCT/2nd	2 nd	Patient interview techniques	To provide health screening services for blood glucose monitoring
	Tutorial	Revision	
	3 rd	Verbal communication skills, one-to-one communication	
3rd	1 st	over the telephone communication	To provide counselling to simulated patients for chronic disease -Primary hypertension
	2 nd	Patient counselling • Definition and benefits of patient counselling	
	Tutorial	Revision	
	3 rd	Stages of patient counselling – Introduction	
4th	1 st	Counselling Content, Counselling Process	provide counselling to simulated patients for the chronic disease - Asthma including education on the use of devices such as inhalers, spacers, nebulizers
	2 nd	Closing the counselling session	
	Tutorial	Revision	
	3 rd	Barriers to effective counseling - Types	
5th	2 nd	Barriers to effective counseling - strategies to overcome them	To provide counselling to simulated patients for chronic disease - Asthma including education on the use of devices such as inhalers, spacers, nebulizers
	Tutorial	HOSPITAL VISIT	
6th	1 st	Patient counselling points for chronic diseases/disorders - Hypertension	To provide counselling to simulated patients for chronic disease - Asthma including education on the use of devices such as inhalers, spacers, nebulizers
	2 nd	Patient counselling points for chronic diseases/disorders – diabetes	

Manisha
Sharma

LESSON PLAN

Name of Faculty : Mrs. Sherry
 Discipline : D. PHARMACY
 Semester/year : 2nd year
 Subject : Pharmacy law and ethics
 Lesson Plan Duration: October 2023
 Work Load per Week: (03 lectures per week + 01 Tutorial)

Week	Theory	
	Lecture day	* Topic (Including Assignment/Test)
1 st week of October	T	Administration of the act and rules: Drug technical advisory board, Central drug laboratory.
	1	Drugs consultative committee, Government analyst
	2	Licensing authorities, Controlling authorities and Drug Inspectors
	3	Narcotic drugs and psychotropic substances act 1985: objectives, definitions, authorities and officers
2 nd week of October	T	Prohibition, control, and regulation, offences and penalties. Related to NDPS act
	1	Class test
	2	Drug and magic remedies (objectionable advertisements) act: Introduction, objectives.
	3	Drugs and magic remedies act 1954: Definitions, prohibition of certain advertisements.
3 rd week of October	T	Classes of exempted advertisements offences and penalties
	1	Prevention to cruelty to animal act 1960: objectives definition, CPCSEA-brief overview.
	2	Institutional animal ethics committee, breeding and stocking of animals.
	3	Performance of experiments, transfer and acquisition of animals for experiment.
4 th week of October	T	DUSSHERA
	1	Records, power to suspend or revoke registration, offences and penalties
	2	Poisons act 1919: Introduction, objective, definition, possession.
	3	(Contd.) possession for sales and sale of any poison, import of poisons

LESSON PLAN

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Hospital Pharmacy and Clinical Pharmacy

Lesson Plan Duration : October 2023

THEORY		PRACTICAL	
LECTURE DAY	TOPIC HEADLINE	PRACTICAL DAY	TOPIC
1	Their quotations		
2	Inventory Control Techniques: Economic Order Quantity		
TUTORIAL	CLASS TEST		
	Reorder Quantity Level and Inventory Turnover	1	Filling up IPC's ADR Reporting Form and perform causality assessments using various scales(Case-I)
2	Inventory Management of Central Drug Store		
3	Storage Conditions and Methods of Storage		
TUTORIAL	REVISION		
1	Distribution and Maintaining Cold Chain	2	Filling up IPC's ADR Reporting Form and perform causality assessments using various scales(Case-II)
2	Devices used for cold storage (Refrigerator, IIR, Walk-in-Cold rooms)		
3	FEFO and FIFO methods		
TUTORIAL	CLASS TEST		
1	Expiry drug removal, handling and disposal	3	Demonstration / simulated / hands-on experience on the identification, types, use / application / administration of Orthopaedic and Surgical Aids such as knee cap, LS belts, abdominal belt, walker, walking sticks, etc.
2	Disposal of Narcotics drugs		
3	Disposal cytotoxic drugs		

Inderjeet Kaur

Monthly Lesson Plan			
Name of the faculty	Mrs. Amisha Maheshwari		
Discipline	Pharmacy		
Semester/year	Diploma 2nd Year		
Subject	PHARMACOTHERAPEUTICS		
Lesson plan Duration	OCT -2023		
Work Load/week (hrs)	Lecture- 03; Tutorial -1,Practical- 01/batch		
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
1 st	1 st	U-3 Respiratory system- Asthma- introduction, pathogenesis	To prepare and discuss SOAP notes for Hyperlipidaemia
	Tutorial	Revision of U-2 /notes checking	
	2 nd	Respiratory system- Asthma- clinical manifestation, causes	
	3 rd	Respiratory system- Asthma- diagnosis ,treatments	
2 nd	1 st	Respiratory system- COPD-- introduction, pathogenesis ,clinical manifestation, causes	To prepare and discuss SOAP notes for RA
	Tutorial	Revision	
	2 nd	Respiratory system- COPD-- diagnosis ,treatments	
	3 rd	U-4 Endocrine system- Diabetes- introduction, pathogenesis ,clinical manifestation	
3 rd	1 st	Endocrine system- Diabetes- causes, diagnosis ,treatments	To prepare and discuss SOAP notes for Asthma
	Tutorial	ASSIGNMENT NO. 1	
	2 nd	Endocrine system- Thyroid disorder- hyper- introduction, pathogenesis ,clinical manifestation, causes, diagnosis ,treatments	
	3 rd	Endocrine system- Thyroid disorder- hypo- introduction, pathogenesis ,clinical manifestation, causes, diagnosis ,treatments	
4 th	1 st	CNS- Parkinson's disease- introduction, pathogenesis ,clinical manifestation	To prepare and discuss SOAP notes for COPD
	Tutorial	ASSIGNMENT NO. 1 (Discussion)	
	2 nd	CNS- Parkinson's disease- causes, diagnosis ,treatments	
5 th	1 st	CNS- Alzheimer's Disease- introduction, pathogenesis ,clinical manifestation, causes, diagnosis ,treatments	

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Monthly Lesson Plan			
Name of the faculty		Mrs. Amisha Maheshwari	
Discipline		Pharmacy	
Semester/year		Diploma 2nd Year	
Subject		PHARMACOLOGY	
Lesson plan Duration		OCT -2023	
Work Load/week (hrs)		Lecture- 03; Tutorial -1,Practical- 01/batch	
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
1 st	1 st	Drugs Acting On CNS- Nootropic agents - Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	To study different anesthetics used in Pharmacology laboratory
	2 nd	Opioid analgesics - Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	3 rd	Drugs Acting On PNS- Cholinergic Drugs- indication, contraindication	
	Tutorial	Revision	
2 nd	1 st	Anti- Cholinergic Drugs- Definitions,class	To study laboratory animal handling technique
	2 nd	Anti- Cholinergic Drugs- actions, dose indication, contraindication	
	3 rd	Neuromuscular blocking agents - Definitions,class,actions, dose indication, contraindication	
	Tutorial	ASSIGNMENT NO. 1	
3 rd	1 st	Myasthenia gravis- Definitions,class,actions, dose indication, contraindication	To study basic terminology used in pharmacology
	2 nd	local anaesthetics- Definitions,class,actions, dose indication, contraindication	
	3 rd	(NSAID's) - Definitions,class,actions, dose indication, contraindication	
	Tutorial	ASSIGNMENT NO. 1 (Discussion)	
4 th	2 nd	U-3- Drugs Acting On EYE- MIOTICS- Definitions,class,actions, dose indication, contraindication, dose indication,	To learn CPCSEA and IAEC guidelines for maintenance of lab animals house
	3 rd	Revision	
5 th	1 st	MYDRIATICS- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	

Amisha

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