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S. No.	Topic	Competency	Competency no.	Domain/Level/Core/ Assessment Method	Page no.	Signature Faculty
Clinical Pharmacy						
1.	Drug Nomenclature	Describe nomenclature of drugs (Practical)	PH1.9	Domain K/S, Level SH, Core, Assessment Written/Viva Voce	1	
2.	Solid Dosage Forms	Enumerate and identify drug formulations and drug delivery systems (Practical)	PH1.3	Domain K/S, Level SH, Core, Assessment Written/Viva Voce	7	
		Demonstrate understanding of the use of various dosage forms (DOAP)	PH2.1	Domain S/C, Level SH, Core, Skill Assessment		
		Communicate with the patient regarding optimal use of: (a) drug therapy, (b) devices and (c) storage of medicines (Small Group Discussion)	PH5.2	Domain A/C, Level SH, Core, Assessment Skill Station		
3.	Liquid and Semisolid Dosage Forms	Enumerate and identify drug formulations and drug delivery systems (Practical)	PH1.3	Domain K/S, Level SH, Core, Assessment Written/Viva Voce	17	
		Demonstrate understanding of the use of various dosage forms (DOAP)	PH2.1	Domain S/C, Level SH, Core, Skill Assessment		
		Communicate with the patient regarding optimal use of: (a) drug therapy, (b) devices and (c) storage of medicines (Small Group Discussion)	PH5.2	Domain A/C, Level SH, Core, Assessment Skill Station		
4.	Inhalational Dosage Forms and Delivery Devices	Enumerate and identify drug formulations and drug delivery systems (Practical)	PH1.3	Domain K/S, Level SH, Core, Assessment Written/Viva Voce	27	
		Demonstrate understanding of the use of various dosage forms (DOAP)	PH2.1	Domain S/C, Level SH, Core, Skill Assessment		
		Communicate with the patient regarding optimal use of: (a) drug therapy, (b) devices and (c) storage of medicines (Small Group Discussion)	PH5.2	Domain A/C, Level SH, Core, Assessment Skill Station		
5.	Parenteral Dosage Forms and Delivery Devices	Enumerate and identify drug formulations and drug delivery systems (Practical)	PH1.3	Domain K/S, Level SH, Core, Assessment Written/Viva Voce	34	
		Demonstrate understanding of the use of various dosage forms (DOAP)	PH2.1	Domain S/C, Level SH, Core, Skill Assessment		
6.	Oral Rehydration Salt Solution	Prepare ORS solution from ORS packet and explain its use (DOAP)	PH2.2	Domain S/C, Level SH, Core, Skill Assessment	42	
7.	Setting of an Intravenous Drip	Demonstrate the appropriate setting up of an intravenous drip in a simulated environment (DOAP)	PH2.3	Domain S, Level SH, Core, Skill Assessment	49	

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Experimental Pharmacology						
8.	Parenteral Drug Administration	Administer drugs through various routes in a simulated environment using mannequins (DOAP)	PH4.1	Domain S, Level SH, Core, Skill Assessment	55	
9.	Effect of Drugs on Dog's BP	Demonstrate the effects of drugs on blood pressure using CAL (Skill Lab)	PH4.2	Domain S, Level SH, Core, Assessment Skill Station	64	
Clinical Pharmacology						
10.	Pharmacovigilance and ADR Monitoring	Describe principals of pharmacovigilance and ADR reporting systems (Practical)	PH1.6	Domain K, Level KH, Core, Assessment Written/Viva Voce	73	
		Define, Identify and Describe management of ADRs (Practical)	PH1.7	Domain K/S, Level KH, Core, Assessment Written/Viva Voce		
		To recognize and report an ADR (Skill Station)	PH3.4	Domain S, Level SH, Core, Assessment Maintenance of Log Book/Skill Station		
11.	Prescription Writing	Describe parts of correct and legible prescription. Identify errors in prescription and correct appropriately (Practical)	PH1.10	Domain K/S, Level SH, Core, Assessment Written, Viva Voce	83	
		Demonstrate an understanding of the legal and ethical aspects of prescribing drugs (Small Group Discussion)	PH5.7	Domain K, Level KH, Core, Assessment Short Note, Viva Voce		
		Write a legible, correct and legible generic prescription for a given condition and communicate the same to the patient (Skill Station)	*PH3.1	Domain S/C, Level P, Core, Assessment Skill Station, Certification (5)		
12.	Prescription Audit	Perform and interpret a critical appraisal of a given prescription (Skill Station)	*PH3.2	Domain S, Level P, Core, Assessment Maintenance of Logbook, Certification (3)	105	
13.	P-Drugs	To prepare and explain a list of P drugs for a given case/condition (Skill Station)	*PH3.5	Domain S, Level P, Core, Assessment Maintenance of Logbook, Certification (3)	113	
14.	Drug Interactions	Identify and describe management of drug interactions (Practical)	PH1.8	Domain K/S, Level KH, Core, Assessment Written/Viva-voce	121	
15.	Dose Calculation	Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations (DOAP)	PH2.4	Domain S, Level SH, Core, Assessment Skill Assessment	129	
16.	Essential Medicine List	Prepare a list of essential medicines for a healthcare facility (Skill Station)	PH3.7	Domain S, Level SH, Core, Assessment Maintenance of Logbook	139	

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17.	Drug Promotional Literature	Perform a critical evaluation of the drug promotional literature (Skill Lab)	*PH3.3	Domain S, Level P, Core, Assessment Maintenance of Logbook, Certification (3)	143	
18.	Communication with Patients	Communicate effectively with a patient on the proper use of prescribed medication (Skill Lab)	PH3.8	Domain C/A, Level SH, Core, Assessment Skill Station	147	
		Communicate with the patient with empathy and ethics on all aspects of drug use (Small Group Discussion)	PH5.1	Domain A/C, Level SH, Core, Assessment Skill Station		
		Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of medicines (Small Group Discussion)	PH5.2	Domain A/C, Level SH, Core, Assessment Skill Station		
		Motivate patients with chronic diseases to adhere to the prescribed management by the healthcare provider (Small Group Discussion)	PH5.3	Domain A/C, Level SH, Core, Assessment Short Note/Skill Station		
		Explain to the patient the relationship between cost of treatment and patient compliance (Small Group Discussion)	PH5.4	Domain A/C, Level SH, Core, Assessment Short Note/Viva Voce		
19.	Interaction with Pharmaceutical Representatives	Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs (Skill Station)	PH3.6	Domain S, Level SH, Non Core, Assessment Maintenance of Logbook	153	
20.	Dependence Producing Drugs and OTC Medicines	Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management (Small Group Discussion)	PH5.5	Domain K, Level KH, Core, Assessment Short Note/Viva Voce	157	
		Demonstrate ability to educate public and patients about various aspects of drug use including drug dependence and OTC drugs (Small Group Discussion)	PH5.6	Domain A/C, Level SH, Core, Assessment Skill Station		
<i>National List of Essential Medicines (NLEM) 2022</i>					163	

Suggested Teaching-Learning Method is given in () with each competency.

* PH3.1, 3.2, 3.3 and 3.5 are certifiable competencies.