

RAJASTHAN UNIVERSITY OF HEALTH SCIENCE

D. Pharm IInd Year Syllabus

PHARMACOTHERAPEUTICS – THEORY (ER20-24T)

Chapter No.	TOPICS
1	Pharmacotherapeutics - Introduction, scope, and objectives. Rational use of Medicines, Evidence Based Medicine, Essential Medicines List, Standard Treatment Guidelines (STGs)
	Definition, etiopathogenesis, clinical manifestations, non-pharmacological and pharmacological management of the diseases associated with
2	(a) Cardiovascular System <ul style="list-style-type: none"> • Hypertension • Angina and Myocardial infarction • Hyperlipidaemia • Congestive Heart Failure
3	(b) Respiratory System <ul style="list-style-type: none"> • Asthma • COPD
4	(c) Endocrine System <ul style="list-style-type: none"> • Diabetes • Thyroid disorders - Hypo and Hyperthyroidism
5	(d) Central Nervous System <ul style="list-style-type: none"> • Epilepsy • Parkinson's disease • Alzheimer's disease • Stroke • Migraine
6	(e) Gastro Intestinal Disorders <ul style="list-style-type: none"> • Gastro oesophageal reflux disease • Peptic Ulcer Disease • Alcoholic liver disease • Inflammatory Bowel Diseases (Crohn's Disease and Ulcerative Colitis)
7	(f) Haematological disorders <ul style="list-style-type: none"> • Iron deficiency anaemia • Megaloblastic anaemia
8	(g) Infectious diseases <ul style="list-style-type: none"> • Tuberculosis • Pneumonia • Urinary tract infections • Hepatitis • Gonorrhoea and Syphilis • Malaria • HIV and Opportunistic infections • Viral Infections (SARS, CoV2)
9	(h) Musculoskeletal disorders <ul style="list-style-type: none"> • Rheumatoid arthritis • Osteoarthritis

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10	(i) Dermatology <ul style="list-style-type: none">• Psoriasis• Scabies• Eczema
11	(j) Psychiatric Disorders <ul style="list-style-type: none">• Depression• Anxiety• Psychosis
12	(k) Ophthalmology <ul style="list-style-type: none">• Conjunctivitis (bacterial and viral)• Glaucoma
13	(l) Anti-microbial Resistance
14	(m) Women's Health <ul style="list-style-type: none">• Polycystic Ovary Syndrome• Dysmenorrhea• Premenstrual Syndrome