

COURSE	FACULTY OF PHYSIOTHERAPY
PROGRAM	BACHELOR OF PHYSIOTHERAPY
SEMESTER	3
COURSE TITLE	MEDICINE (GENERAL MEDICINE & SKIN)
COURSE CODE	17PT0301
COURSE CREDITS	5

Course Outcomes: After completion of this course, student will be able to:

- 1 Acquire the knowledge of Etiology, Pathophysiology, signs and symptoms and management in brief, of the infectious diseases, cardiovascular and respiratory disorders, auto-immune conditions, endocrinal disorder and nutritional disorder.
- 2 Acquire the knowledge in medicine that is required to be practised in the community and at all levels of the health care system.
- 3 Understand relevant investigations which will help to know about the important medical conditions.
- 4 Able to describe the principles of management at the medical intensive care unit including the practice of first aid/Cardiopulmonary Resuscitation (CPR)

Pre-requisite of course: To understand different disease in details.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
100	0	0	50	30	20	0	0

Contents : Unit	Topics	Tutorial Hours
1	Respiratory Diseases Lung function tests, Pneumonia, Interstitial Lung Disease (ILD), Cystic fibrosis, Respiratory failure, Upper Respiratory Tract Infection (URTI), Pulmonary oedema, Pulmonary embolism, lung abscess, COPD (Bronchiectasis, Emphysema, Chronic Bronchitis), Asthma, Pleural effusion, Pneumothorax, Empyema	20
2	Cardio Vascular Diseases Rheumatic fever, Valvular lesions, Congestive cardiac failure, Ischemic heart diseases (Angina pectoris and myocardial infarction) stress test, Cardiac arrest , Peripheral vascular diseases (TAO, Raynaud's disease), Cardiomyopathy, Congenital heart disease, Myocarditis, hypertension	20
3	Endocrinal Disorders Diabetes mellitus, Obesity, Thyroid disorder	6
4	Gastrointestinal Disorders Peptic ulcer, Pancreatitis, Dysenteries and Diarrhea, Inflammatory bowel diseases, Jaundice, Cirrhosis of liver	5
5	Infectious Disease Tuberculosis, Malaria, Typhoid, Infective hepatitis, Tetanus, Covid-19, Mucormycosis	10

6	Rheumatology Rheumatoid arthritis, Ankylosing spondylitis, Gout, Osteoarthritis, Spondyloarthritis, Systemic lupus erythematosus, Polyarteritis nodosa, Mixed connective tissue disorders, Scleroderma.	10
7	Blood disorder Anaemia, Hemophilia	4
8	Nutritional Disorder Vitamins and their deficiencies, Disorders including rickets and osteomalacia	5
9	Skin conditions Structure and functions of normal skin, primary and secondary skin lesions, Scabies and pediculosis., Fungal infections of the skin: Dermatophytosis, Pityriasis, Versicolor, Candidiasis., Bacterial infections of skin-impetigo / Boil., Viral infections of skin-Herpes zoster., Eczema, Dermatitis, Allergies., Psoriasis, Acne, Alopecia, Vitiligo, Leukoderma., Leprosy / Lepra - reaction/Physiotherapy in leprosy, Sexually transmitted diseases: Syphilis: primary & secondary,, Gonorrhoea,, Cancroid, AIDS	20
Total Hours		100

References:

- 1 Textbook of medicine by Golwala, 18th edition
- 2 Principles and practice of medicine by – Davidson, 20th Edition, Churchill Livingstone Publication
- 3 Practical medicine by – P J Mehta, 20th Edition.
- 4 P.C.DAS and P.K. DAS textbook of Medicine, 6th Edition, Current Books International Publication.
- 5 ACP Medicine by – Davis C Dale, 2004-2005 Edition, Churchill Livingstone Publication
- 6 Dermatology and sexually transmitted disease, Neena Khanna
- 7 ABC of dermatology. P. K. Buxton