

Course Overview

Immunology (I)

Course code :	LMT304
Course title:	Immunology (I)
Level/semester:	Third Semester
Preceding Courses	Physiology, introduction to Hematology , basic microbiology.
Credit hours: 3	Theoretical: 2
	Practical: 2

Course Title: Basic Immunology (Theory)

UNIT	CONTENTS	HOURS
1	Infection and Disease	4
2	Antigen	2
3	Humoral immunity – Antibody mediated immunity	4
4	Complement system	2
5	In-vitro Antigen Antibody Reaction	4
6	Cell of the immune response	4
7	Cell mediated immunity	4
8	Hypersensitivity Reactions	2
9	Autoimmune diseases	2
10	Immunodeficiency disorders	2
TOTAL		30

Course Title:- Basic Immunology (practical)

EXERCISE	CONTENTS	HOURS
1	Agglutination reaction	2
2	Precipitation reactions	2
3	Complement fixation reaction	2
4	Neutralization	2
5	Immunodiffusion	4
6	Immunoflourescence	6
7	Radioimmunoassay	6
8	Enzyme linked immunosorbent assay (ELISA)	6
TOTAL		30

