

**LIAQUAT INSTITUTE OF MEDICAL
AND HEALTH SCIENCES THATTA, SINDH,
PAKISTAN**

MICROBIOLOGY & PATHOLOGY PRACTICAL LOG BOOK



Undergraduate MBBS Students

**Microbiology and Pathology Practical LOG
BOOK**

For

Undergraduate Medical Students

Third Year

Liaquat Institute of Medical and Health Sciences
Thatta, Sindh, Pakistan

Photo

Full Name:

Batch:
.....

Roll No:
.....

Signature of Student

**Signature of Head of
Department**

Signature of Principal

Instructions to student

- Faculty will teach/demonstrate the practical skill, you are instructed to carry out the task / perform the practical in the lab.
- After learning/completing practical under supervision, get logbook signed from the faculty of the department involved in teaching/demonstrating skills.
- Handle the equipment with care.

Microbiology and Pathology Practical done in Pathology Lab of

LIMHS Third Year MBBS

Microbiology

Practical	Methods of Demonstration	Scheduled Date	Name of the faculty who taught/demonstrated the practical	Signature of faculty.
Cellular Adaptations	Theory Demo on microscope			
Intracellular Accumulations	Theory Demo on microscope			
Gram's Staining	Theory Demo on prepared slide			
Acid fast staining	Theory Demo on prepared slide			
Lab Diagnosis of Gram Positive cocci	Theory Demo on prepared slide, culture media, and biochemical reaction-tube			
Lab Diagnosis of Gram Negative cocci	Theory Demo on prepared slide, culture media, and biochemical reaction-tube			
Lab Diagnosis of Gram Positive bacilli	Theory Demo on prepared slide, culture media, and biochemical reaction-tube			
Lab Diagnosis of Gram Negative bacilli	Theory Demo on prepared slide, culture media, and biochemical reaction-tube			
Culture Media	Demo on prepared culture media			

Microbiology and Pathology Practical done in Pathology Lab of

LIMHS Third Year MBBS

Pathology

Practical	Methods of Demonstration	Scheduled Date	Name of the faculty who taught/demonstrated the practical	Signature of faculty.
Diagnostic approach of Neoplasia	Theory Demo on slides			
Laboratory Diagnosis of anemia	Theory Demo on slides			
Laboratory diagnosis of Bleeding disorders	Theory Demo on slides			
Practical approach towards lymphoma	Theory Demo on slides			
Laboratory diagnosis of acute and chronic leukemia	Theory Demo on slides			
Immuno assay technique	Theory			
Pleural fluid for DR	Theory			
Inflammatory diseases of Lung	Theory & Demo on slides			
Obstructive diseases of Lung	Theory & Demo on slides			
Tumors of Lung	Theory & Demo on slides			
Lipid Profile, Cardiac enzymes, Pericardial Effusions,	Theory			
Hemangiomas, cardiac Myxoma	Theory			
Gross and microscopic features of oral cavity carcinoma, salivary gland tumors and carcinoma esophagus	Theory & Demo on slides			
Gross and microscopic features of peptic ulcer and carcinoma stomach	Theory & Demo on slides			
Various microbial agents causing diarrhea and dysentery and mention their Lab Diagnosis	Theory Demo on prepared, culture media, and			

	biochemical reaction-tube			
Benign and malignant tumors of intestine	Theory & Demo on slides			
Cirrhosis of liver	Theory & Demo on slides			
Ca liver and Gall bladder	Theory & Demo on slides			
Parathyroid Gland Lab interpretation	Lab report interpretation			
Thyroid function tests	Lab report interpretation			
Benign and Malignant tumors of thyroid Gland	Theory & Demo on slides			
Kidney Function tests	Lab report interpretation			
Urine analysis and Urine Culture	Lab report interpretation			
Pap Smear	Theory & Demo on slides			
Gestational tumors	Theory & Demo on slides			
Semen DR	Theory			
Malignant Bone and Cartilage Forming Tumors of unknown Origin	Theory & Demo on slides			
Soft Tissue tumors	Theory & Demo on slides			

