

BPMT FIRST YEAR THEORY & PRACTICAL
PLANNED FOR THE MONTH OF FEBRUARY 2023

THEORY TIME TABLE

S. NO.	DATE	TOPICS
1.	01.02.23	Care and use of Microscope A. Compound microscope B. Dark ground C. Phase Contrast D. Fluorescent Sterilization methods – Principles, Care and Uses. A. Autoclave B. Inspissator C. Hot Air Oven D. Filtration E. Sterilization by Ultraviolet Light
2.	08.02.23	Common staining techniques used in Microbiology laboratory. A. Simple staining B. Differential staining – Gram staining and ZN staining. C. Negative staining: India Ink D. Special staining: Albert, Neisser, Modified ZN.
3.	15.02.23	Culture Media: Introduction Types and Uses, Composition and preparation, Sterilization of media, Disposals of culture media, Washing of glassware
4.	22.02.23	Technique oriented processing of specimens such as pus, urine, stool, sputum, throat swab and body fluids in bacteriology lab. Inoculation on culture media, plating techniques, preparation and inoculation of sugar sets and other biochemical tests. Antibiotic sensitivity testing.

PRACTICAL TIME TABLE

S. No.	DATE	TOPICS
1.	03.02.23	Care and use of Microscope A. Compound microscope B. Dark ground C. Phase Contrast D. Fluorescent

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		Sterilization methods – Principles, Care and Uses. A. Autoclave B. Inspissator C. Hot Air Oven D. Filtration E. Sterilization by Ultraviolet Light
2.	10.02.23	Common staining techniques used in Microbiology laboratory. A. Simple staining B. Differential staining – Gram staining and ZN staining. C. Negative staining: India Ink Special staining: Albert, Neisser, Modified ZN.
3.	17.02.23	Culture Media: Introduction Types and Uses, Composition and preparation, Sterilization of media, Disposals of culture media, Washing of glassware
4.	24.02.23	Technique oriented processing of specimens such as pus, urine, stool, sputum, throat swab and body fluids in bacteriology lab. Inoculation on culture media, plating techniques, preparation and inoculation of sugar sets and other biochemical tests. Antibiotic sensitivity testing.