

MIO 110-P MEDICAL MICROBIOLOGY AND EPIDEMIOLOGY [P]

Practical Course Credit : 1

Contact Hours : 30

1. Demonstration of malaria parasite in blood film.
2. Isolation of bacteria from sputum/ mouth swab on chocolate agar and partial characterization.
3. Determination of sensitivity of bacteria to antibiotics (Disc method).
4. Enrichment, isolation and identification of Enteric pathogen.
5. Analysis of disease incidence using CDC/epidemiological data.

References (Composite list for theory and practicals):

1. Davis, B.D. et al., Microbiology. Harper and Row.
2. Gillespie, S.H. and Hawkey, P.M., Principal and Practice of Clinical Bacteriology. Wiley.
3. Struthers, J.K. and Westran, R.P., Clinical Bacteriology. CRC Press.
4. Chakraborty, P. and Pal, N.K., Manual of Practical Microbiology and Parasitology. Calcutta New Central Book Agency.