

PG Degree Examinations in Microbiology (MD) - June 2015

Paper II - Bacteriology and Mycology

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays: (20)

1. Enlist the species in the genus haemophilus and discuss the pathogenesis and laboratory diagnosis of H. influenzae.

Short essays: (8x10=80)

2. List STDs and discuss the pathogenicity and laboratory diagnosis of gonorrhoea.
3. Discuss the gram negative anaerobic infections.
4. Prophylaxis, treatment and drug resistance in typhoid fever.
5. Discuss the pathogenicity and laboratory diagnosis of B. anthracis.
6. Pathogenesis and antibiotic resistance of enterococci.
7. Discuss the dermatophyte infections in detail.
8. List the opportunistic fungal infections in AIDS and discuss P. marneffei.
9. Chromoblastomycosis.
