

The West Bengal University of Health Sciences
M.D. (Microbiology) July - August, 2021 Examination

Paper: I

Full Marks: 100
Time: 3 Hours*Attempt all questions*

1. Discuss roles of virulence factors in causation of infectious diseases. 10
2. Describe briefly role of innate immunity in abeting bacterial infection. 10
3. Describe the different way of genetic exchange among bacteria. 10
4. Discuss role of hypersensitivity causing diseases. 10
5. Role of fluorescence microscopy in diagnostic microbiology. 10
6. Discuss briefly autoimmune diseases and their mechanism. 10
7. Discuss role of different antibiotics in diagnostic microbiology. 10
8. Describe briefly about the effects of complement activation. 10
9. Give an account on autoclaving. 10
10. Discuss biomedical waste management rules 2016. 10