

The West Bengal University of Health Sciences
M.D. (Microbiology) May - June, 2022 Examination

Paper: III

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

1. Enumerate pathogenic free living amoeba and discuss their laboratory diagnosis. 3+7
2. Write about pathogenesis of Tropical Pulmonary Eosinophilia and its laboratory diagnosis. 4+6
3. Give an account on drug resistance of plasmodium. 10
4. Name some helminths that can produce autoinfection. Write about their pathogenesis. 3+7
5. Discuss about ocular parasitic infection. 10
6. Discuss on antigenic variation of influenza virus and its implication on vaccine production. 10
7. Give an account on slow viral disease. 10
8. Write about pathogenesis, laboratory diagnosis and prevention of rota virus diarrhoea. 3+4+3
9. Discuss about pathogenesis of DSS and laboratory diagnosis of Dengue. 4+6
10. Write on epidemiology, clinical manifestation and laboratory diagnosis of Zika virus infection. 10