

The West Bengal University of Health Sciences
M.Sc. in Medical Microbiology Part-II July-August, 2020
Examination
(Session-2016-2019)

Subject : Virology and Parasitology
Paper : III



Full Marks : 100
Time : 3 hrs.

Attempt all questions

1. Write briefly approach to Dengue fever and immunological basis of complicated Dengue infection. 5+5
2. Write down the immune mechanism associated with complicated malaria caused by Plasmodium falciparum. 10
3. What are the opportunistic protozoal infections prevalent in AIDS? How the protozoa causing diarrhoea in AIDS are diagnosed in laboratories? 10
4. Write briefly different methods of demonstration parasites in stool. 10
5. Discuss briefly about Oncogenic virus. 10
6. Write epidemiology and diagnosis of Nipah viruses. 5+5
7. Write short note on : 5+5
 - a) Viral Diarrhoea.
 - b) Bird flu.
8. What do you mean by Co infection and Super infection in respect to hepatitis virus? Which one is more dangerous and why? Briefly state the importance of Window Period in Hepatitis B infection. 3+2+5
9. Write Laboratory diagnosis of the nematodes causing severe anemia in Rural part of Bengal. 10
10. Discuss in short : Post exposure prophylaxis in Rabies. 10