

The West Bengal University of Health Sciences
M.Sc. in Medical Microbiology July, 2022 Examination
(Old Regulation)

Paper : III

Full Marks : 100

Time : 3 hrs.

Attempt all questions

1. Discuss the epidemiology, clinical features and laboratory diagnosis of SARS-COV2. 10
2. Enumerate the different types of malaria parasite. Describe the life cycle and laboratory diagnosis of malaria parasite in brief. 2+4+4
3. Describe the clinical features and laboratory diagnosis of visceral leishmaniasis (kala azar). 4+6
4. Discuss the immunopathogenesis of AIDS. Discuss the HIV testing strategies in India under NACO. 6+4
5. Enumerate some Arboviruses causing human diseases. Write the epidemiology and laboratory diagnosis of dengue virus. 4+3+3
6. Name the viruses responsible for viral hepatitis. Mention the different markers of Hepatitis B infection. 2+8
7. Enumerate different cestodes causing human infection. Write the clinical features and laboratory diagnosis of Neurocysticercosis. 3+3+4
8. Mention different protozoas causing diarrhea. Write the laboratory diagnosis of Intestinalamebiasis. 3+7
9. Describe the different types of Rabies Vaccine. Write the post exposure prophylaxis of Rabies. 5+5
10. Briefly discuss about the emerging viral diseases. 10