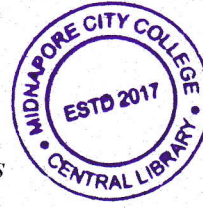


The West Bengal University of Health Sciences
M.Sc. in Medical Microbiology Part-II November-December, 2023
Examination

Subject : Virology and Parasitology
 Paper : III



Full Marks : 100
 Time : 3 hrs.

Attempt all questions

1. Enumerate the common agents causing Viral fever with rash in India. Describe in brief the immune-pathogenesis of complicated Dengue fever. 3+7
2. Write an essay on "Opportunistic infection in "HIV-AIDS". 10
3. Discuss the post-exposure prophylaxis against Rabies in a school going child after a dog bite. 10
4. Write short notes on : 2 x 5
 - a) Viral inclusion bodies.
 - b) Cell lines.
5. Write an essay on DNA viruses which can lead to malignancy in humans. 10
6. Name the etiological agents of Malaria and the common vectors. Discuss the pathogenesis of cerebral malaria. 2+1+7
7. How will you approach a stool sample from a patient suspected to be suffering from parasitic dysentery? 10
8. Write short notes on : 2 x 5
 - a) Free living amoeba.
 - b) Intestinal Coccidian parasites.
9. Enumerate the common nematodes affecting the Indian population. Describe the infective form, route of entry, life cycle of any one common agent causing anemia in children in brief. 3+7
10. Write short notes on : 2 x 5
 - a) Flukes.
 - b) NIH swab.