

INFECTIOUS DISEASE
THEORY PAPER

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

Write short notes on:

1. a) Enumerate the organisms causing pyomyositis. 2+(4+4)
b) Discuss the clinical features and diagnosis of pyomyositis.
2. a) Outline the risk factors for rhino-cerebral mucormycosis. 4+(3+3)
b) Describe the tests for diagnosis and the strategies for the management of mucormycosis.
3. a) What are Integrase Strand Transfer Inhibitors (INSTI's)? Give examples. 3+4+3
b) Discuss the rationale behind the transition to Dolutegravir (DTG)-based first line antiretroviral treatment (ART) under the National Programme.
c) Describe the adverse effects of DTG.
4. a) Discuss the factors responsible for the resurgence of Gonorrhoea in the community. 3+(3+4)
b) Outline the diagnosis and management of Gonorrhoea.
5. a) Discuss the impact of COVID-19 pandemic on Tuberculosis control in India. 5+5
b) Outline the strategies to be employed to overcome these challenges.
6. a) Discuss the impact of War and Conflicts on populations in the context of Infectious Diseases. 5+5
b) Outline the strategies to deliver public health programs during ongoing conflict scenarios.
7. a) Enumerate the etiologic agents causing infective endocarditis. 3+(3+4)
b) Describe the clinical features and management of native valve endocarditis.
8. a) Define and classify Fever of Unknown Origin (FUO). 3+(3+4)
b) Discuss the etiology and approach to the diagnosis of classic FUO.
9. a) Describe the Skin and Soft Tissue Infections (SSTIs) encountered in hospitalized patients. 4+(3+3)
b) Discuss the diagnosis and management of SSTIs.
10. Discuss the different types, indications and adverse effects of COVID - 19 vaccines. 4+3+3
