FELLOWSHIP EXIT EXAMINATION
Apollo Hospital, Chennai
18th November 2020

NATIONAL BOARD OF EXAMINATIONS

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) List the causes of non-pyogenic regional lymphadenitis. b) Discuss the clinical manifestation and treatment of any one cause.	2+8
2.	a) Molecular mechanisms of drug resistance seen in Mycobacterium tuberculosis. b) Plan the treatment of drug-resistant pulmonary TB.	6+4
3.	a) Enumerate the parasitic diseases of the lungs. b) Describe the clinical presentation, diagnosis and treatment of any one of them.	3+7
4.	a) Discuss briefly the manual and automated methods of antibiotic susceptibility test. b) Discuss therapeutic drug monitoring and interpretation of MIC for dose adjustment.	5+5
5.	a) Discuss the transmission, epidemiology, pathophysiology and clinical manifestations of SARS CoV-2 infections. b) Outline the protocol for the management of SARS CoV-2 infections in the ICU.	6+4
6.	a) Enumerate fungal infections of skin and soft issue. b) Clinical features, diagnosis and management of mycetoma.	3+7
7.	a) Outline the bio-medical strategies for HIV prevention. b) Indications, use and monitoring of pre-exposure prophylaxis in HIV.	4+6
8.	a) Clinical manifestation and diagnosis of prosthetic knee joint infections. b) Treatment and prevention of prosthetic joint infections.	6+4
9.	a) Enumerate the infections seen in kidney transplant recipients in the first 6 months after transplant. b) Discuss the diagnosis and management of any one of these.	4+6
10.	a) Differential diagnosis and approach to a patient with fever and rash.	5+5

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