

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1022]

OCTOBER 2022

Sub. Code: 2064

M.D. DEGREE EXAMINATION

BRANCH XVII – TUBERCULOSIS AND RESPIRATORY MEDICINE

**PAPER IV – RECENT ADVANCES IN TUBERCULOSIS AND
CHEST DISEASES**

Q.P. Code: 202064

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Pulmonary Complications in HIV disease. Outline interactions of Anti Retro Viral drugs with other medications.
2. Discuss pathogenesis of Cystic Fibrosis. What are the treatment options? Mention possible Genetic interventions.

II. Write notes on:

(10 x 7 = 70)

1. Components of Respiratory Impairment Evaluation.
2. Bioterrorism pathogens that can cause Pneumonia Associated Respiratory failure.
3. Epigenetic mechanisms.
4. Culture independent Microbiome studies.
5. Navigational Bronchoscopy.
6. PPOCUS – Portable Point of Care Ultra Sound.
7. Cardio Pulmonary Exercise testing.
8. Important Post operative Pulmonary complications.
9. Assessment of Severity of Bronchiectasis.
10. Preventive strategies to avoid ventilator Associated pneumonia.
