

THE TAMILNADU DR.M.G.R.MEDICAL UNIVERSITY

[AHS 1023]

OCTOBER 2023

Sub. Code: 2213

**M.Sc. RESPIRATORY THERAPY
SECOND YEAR (From 2020-2021 onwards)
PAPER III – RESPIRATORY AND CARDIO VASCULAR DISEASES**

Q.P. Code: 282213

Time: Three hours

Maximum: 100 marks

Answer ALL Questions

I. Elaborate notes on:

(2 × 20 = 40)

1. Hospital acquired pneumonia – causative organisms, risk factors, drug resistance and antibiotic therapy. Write a brief note on preventive strategies.
2. Write in details on ventilatory strategies in management of Acute Respiratory Distress Syndrome in adults.

II. Write short Notes on:

(10 × 6 = 60)

1. Diabetic ketoacidosis – clinical features, diagnosis and management.
2. Mitral stenosis – clinical features, diagnosis and management.
3. Alveolar hypoventilation – causes and treatment.
4. Occupational asthma.
5. Obstructive Sleep Apnea – clinical features and management.
6. Flail Chest.
7. Discuss briefly on complications of pulmonary tuberculosis.
8. Pulmonary edema – clinical features and management.
9. Tuberculous pericarditis.
10. Cor Pulmonale – definition, causes and pathophysiology.
