

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.Sc. Respiratory Care Technology Degree Examination – 06-Nov-2025

**Time: Three Hours**

**Max. Marks: 100 Marks**

### **Medicine Relevant to Respiratory Technology (RS-3)**

### **Q.P. CODE: 3360**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary

#### **LONG ESSAYS (Second Question Choice)**

**2 x 10 = 20 Marks**

1. Chronic obstructive pulmonary disease, etiology, pathophysiology and management.
2. Guillan barre syndrome.

**OR**

Aortic aneurysm.

#### **SHORT ESSAYS (Question No 5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Interstitial lung disease and management.
4. VAP.
5. Shock : Explain any two.

**OR**

Dyspnea – definition, grading, diagnosis and management.

6. General management of TB.
7. Non-Steroidal Anti-Asthma Agents.
8. Anatomic alterations, pathophysiology and general management of Asthma.
9. Intercostal drain.
10. Atelectasis.

**OR**

Classification of bronchodilators.

11. Describe briefly on sleep disorders.
12. Pathophysiology of left ventricular failure.

#### **SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Cyanosis.
14. Name any three anticholinergic bronchodilators.
15. General management of pulmonary edema.
16. Flail chest.
17. Anti-hypertensive drugs.
18. Metered dose inhaler.
19. Grades of hypertension.
20. GINA guidelines.
21. Types of shock.
22. Signs and symptoms of pneumothorax.

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