

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.Sc. Respiratory Care Technology Degree Examination – 10-Jun-2024

**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. Tuberculosis – Etiology, types diagnosis and management.
2. Interstitial lung disease.

**OR**

Ventilator Associated Pneumonia (VAP).

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

**10 x 5 = 50 Marks**

3. Empyema.
4. Pulmonary involvement in systemic sclerosis.
5. Myasthenia gravis.

**OR**

Tension pneumothorax.

6. Guillain Barre syndrome.
7. Myocardial infarction.
8. Features of carbon monoxide poisoning.
9. GINA guidelines.
10. Infective endocarditis.

**OR**

Types of Shock.

11. Types of Respiratory failure.
12. Mitral regurgitation.

#### **SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Role of physiotherapy in COPD.
14. Differentiate between hematemesis and hemoptysis.
15. Atelectasis.
16. Staging of carcinoma lung.
17. Air embolism.
18. Flail chest.
19. Drugs used in cardiac arrest.
20. Drugs used in stroke.
21. Mucolytic therapy.
22. Dry powder inhaler therapy.

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