

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 14-May-2026

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. Describe etiology, pathophysiology and management of respiratory failure.
2. Classify asthma. Write in detail aetiology, clinical features, diagnosis and management of Asthma.

OR

Discuss etiology, clinical features, diagnosis and management of Pulmonary embolism.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Management of Pneumothorax.
4. Emphysema.
5. Gullian – Barre Syndrome – Diagnosis and management.

OR

Staging of lung cancer.

6. Mitral stenosis.
7. Ventilator associated pneumonia.
8. Kyphoscoliosis.
9. Pulmonary edema – etiology and management.
10. Obstructive sleep apnea.

OR

Diagnosis of pulmonary tuberculosis.

11. Asbestos related lung disease.
12. Hypovolemic shock.

SHORT ANSWER

10 x 3 = 30 Marks

13. Cardiomyopathy.
14. Anti-cholinergic bronchodilators.
15. Indication of lung transplantation.
16. Heparin.
17. Write three causes of Haemoptysis.
18. Flail chest.
19. Dry powder inhaler (DPI).
20. Draw a neat labelled diagram of normal ECG and its waves.
21. Hematemesis.
22. Dead space.
