

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 15-May-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.
 2. Mention clinical features, diagnosis and complications of aortic aneurysm.
- OR**
- Discuss sepsis: Definition, etiology, diagnosis and treatment.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Central sleep apnea.
 4. Interstitial lung disease.
 5. GB syndrome: Definition, clinical presentation and management.
- OR**
- Drowning.
6. Explain treatment of aortic aneurysm.
 7. Management of cardiogenic shock.
 8. Berlin definition and cause of ARDS.
 9. Asthma.
 10. Pathogenesis of Upper airway obstruction and obstructive sleep apnea.
- OR**
- Abnormal breath sounds.
11. Pleural effusion.
 12. General management of TB.

SHORT ANSWER

10 x 3 = 30 Marks

13. Clinical features of peripheral vascular disease.
14. ASV (Adaptive Support Ventilation).
15. Cheyne stokes breathing.
16. Cyanosis.
17. Differentiate between anabolic and catabolic steroids.
18. DPI (Dry Powder Inhaler).
19. Difference between primary and secondary hypertension.
20. Mention three causes of aortic aneurysm.
21. Atelectasis.
22. Organisms causing VAP.
