

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B. Sc. Respiratory Care Technology Degree Examination – 29-Oct-2025

Time: Three Hours

Max. Marks:100

Applied Respiratory Care Technology -II (RS2)

Q.P. CODE: 2930

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Tracheostomy
2. Discuss about pulmonary rehabilitation
3. Physiological effects of PEEP

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Management of endotracheal and tracheostomy tubes
5. Troubleshooting of ventilator alarms and events
6. Commonly used artificial airways
7. ARDS Ventilation
8. Pressure support ventilation
9. Care of artificial airway
10. Prone positioning
11. Complications of extubation
12. SpO₂ monitoring
13. Near drowning management
14. (Intercostal Drainage (ICD)
15. Complications of ETT

SHORT ANSWERS (Answer any ten)

10 x 3 = 30 Marks

16. Indications of intubation
17. Propofol
18. Respiratory acidosis
19. Permissive hypercapnea
20. Pulse oximetry
21. RSBI
22. Chest Inspection
23. Bronchodilators
24. Ventilator – Induced lung injury
25. Chest compression in cardiac arrest
26. Breathing exercises used in COPD
27. Hypovolemia Shock
