

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Respiratory Care Technology Degree Examination – 30-Oct-2025

Time: Three Hours

Max. Marks: 100 Marks

Introduction to Respiratory Technology (RS-3)
Q.P. CODE: 3359

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. Oxygen therapy – Indication and methods of oxygen delivery equipment's.
2. Pulmonary function test. Describe obstructive and restrictive with graph.
OR
Lung expansion therapy.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Post cardiac arrest management.
4. Predictors of difficult airway.
5. Isolation procedures.
OR
V\Q Mismatch.
6. Bronchoscopy – Indication, types, contraindication, monitoring and complication.
7. Hazards associated with manual resuscitators.
8. Chest compliance and resistance.
9. Hypoxia-definition, types and management.
10. Chest physiotherapy.
OR
Hand washing techniques.
11. End tidal capnography.
12. Continuous positive airway pressure.

SHORT ANSWER

10 x 3 = 30 Marks

13. Wright's spirometry.
14. Oxygenation index.
15. Contraindications of chest physiotherapy.
16. Residual volume.
17. Passive Humidifier.
18. Pre and post bronchodilator test.
19. Type and complications of suctioning.
20. Goals of oxygen therapy.
21. Abnormal breath sounds.
22. Laryngeal mask airway and its variants.

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