



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Respiratory Care Technology Degree Examination – 19-May-2023

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. Basic principles, indications, contraindications, technical aspects and set up intercostal drains and tubes.
2. Lung expansion therapy.

OR

Surgical airway devices – Indications, contraindications, procedures and complications.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Capnography.
4. Mallampatti classification with diagram.
5. Bronchoscopy – Indications, types, contraindication and complication.

OR

Handwashing techniques.

6. Endotracheal suctioning – Indications, contraindications and complications.
7. Write a note on percussors.
8. Extubation.
9. Write a note on Aerosol drug delivery systems.
10. Explain about Hyperbaric oxygen therapy.

OR

Obstructive and restrictive lung disease.

11. Bland aerosol therapy.
12. Central venous pressure monitoring.

SHORT ANSWER

10 x 3 = 30 Marks

13. Pre and post bronchodilator test.
14. Pulse oximeter.
15. Dalton's law of partial pressure.
16. Goals of oxygen therapy.
17. Parts of endotracheal tube.
18. Indications of cardiopulmonary exercise testing.
19. FRC, TV, IRV.
20. Atelectasis.
21. Oropharyngeal airway.
22. Glasgow coma scale.