

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Respiratory Technology Degree Examination – 06-May-2026

Time: Three Hours

Max. Marks: 100 Marks

Respiratory Technology – Clinical- Paper-I (RS-3)

Q.P. CODE: 3361

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. Resuscitation in ICU and post cardiac arrest care.
2. Acid base disorders – types, compensatory mechanism and management.

OR

Pulmonary rehabilitation in surgical patients.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Skeletal muscle relaxants – classification and indications.
4. Obstructive lung disease.
5. Pulmonary embolism and its management.

OR

Percutaneous tracheostomy – Indication, contraindication, complication.

6. Oxygen dissociation curve and its significance.
7. Septic shock.
8. Echocardiography.
9. Eclampsia and pre-eclampsia.
10. Indications, situ, contraindications and complications of central line insertion..

OR

Anion GAP.

11. Brain death and apnea test.
12. Disease specific to NIV strategies.

SHORT ANSWER

10 x 3 = 30 Marks

13. SVO₂
14. DNR.
15. Complication of Bronchoscopy.
16. 6 MWT.
17. Diet intake in COPD patients.
18. Glasgow coma scale.
19. Spo₂
20. Hypopnea Index.
21. Abnormal breath sounds.
22. GOLD classification of COPD.