

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Respiratory Technology Degree Examination – 27-May-2025

Time: Three Hours

Max. Marks: 100 Marks

Respiratory Technology – Advanced – Paper-III (RS-3)

Q.P. CODE: 3363

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. Write in detail on meconium aspiration syndrome.
2. Write a note on high frequency ventilation for pediatrics.

OR

Write a note on congenital diaphragmatic hernia.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Write a note on perinatal asphyxia.
4. Write in detail about air leak syndrome in pediatrics.
5. Write in detail on surfactant replacement therapy in neonates.

OR

Write a note on kangaroo mother care.

6. Write a note on inhaled nitric oxide therapy.
7. Write a note on apnea of prematurity.
8. Write a note on indications and contraindications of invasive ventilation for newborns.
9. Write a note on recognition of respiratory distress syndrome in neonates.
10. Write in detail on neonatal resuscitation.

OR

Write a note on choanal atresia.

11. Write a note on cyanotic heart disease.
12. Write a note on pulse oximetry.

SHORT ANSWER

10 x 3 = 30 Marks

13. Peak pressures.
14. Retinopathy of prematurity.
15. Capnography.
16. Bubble CPAP.
17. Fetal circulation.
18. Laryngeal mask airway.
19. Pediatric asthma.
20. Croup.
21. Ballard scoring.
22. Indications of HFNC in newborns.
