

Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree
Examination – 29-Oct-2025**

Time: Three Hours

Max. Marks: 100 Marks

Anaesthesia & OT Technology – Applied -PAPER-II Q.P. CODE: 3394

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. Describe various blood grouping types. Explain in brief the assessment of blood loss. Write the indications of blood transfusion.
2. Briefly describe the management of difficult airway and instruments and things to be kept ready for the same.
3. List the analgesic drugs. Briefly describe postoperative pain management.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. IV fluids.
5. Intraoperative Hypotension – causes, diagnosis and management.
6. TURP syndrome.
7. Mismatched blood transfusion.
8. Laryngospasm – diagnosis and management.
9. Anaesthesia for colonoscopy.
10. Labour analgesia.
11. Tracheostomy.
12. Complications of tracheal intubation.
13. Capnography.
14. Enumerate the differences between adult and infant airway.
15. Anaphylactic shock.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Triple maneuver.
17. Pulse oximetry.
18. Expand PCDT. Write two indications for same.
19. Malignant hyperthermia.
20. List three blood components.
21. Peripheral nerve blocks.
22. AMBU bag.
23. Types of laryngoscopes.
24. Types of ET tubes.
25. Three complications of epidural analgesia.
26. Labour analgesia.
27. Name three causes of tachycardia in intraoperative period.
