

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 08-May-2025

Time: Three Hours

Max. Marks: 100 Marks

Introduction to Anaesthesia & OT Technology

Q.P. CODE: 3391

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. Enumerate all the regional anesthesia techniques. Describe in detail about epidural anaesthesia.
2. Describe various blood groups. Write in brief about indications, complications of blood transfusion.
3. Describe the steps of basic life support in cardiopulmonary resuscitation.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Biomedical waste management of OT.
5. Methods of gloving.
6. Preanesthetic assessment of patient.
7. ETO sterilization.
8. Explain in detail about intravenous induction agents.
9. Explain the various components of Boyle's apparatus.
10. How do you classify suture materials? Give examples of polyfilament suture materials.
11. Trendelenberg position and its uses.
12. Blood transfusion – Indication and complications.
13. Cleaning of operation theatre.
14. Postoperative patient care.
15. Criothyroidotomy.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Guedel's airway.
17. Platelet transfusion indications.
18. Name three absorbable sutures.
19. Flash sterilization.
20. Laryngeal Mask Airway (LMA).
21. Complications of spinal anesthesia.
22. Use of a) Babcock's forceps b) Allis forceps
23. Glutaraldehyde.
24. Nitrous oxide.
25. Pin index.
26. Spinal needles – types and sizes.
27. Disposal of waste sharps.