

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Operation Theatre Technology Degree Examination – 13-May-2025

Time: Three Hours

Max. Marks: 100 Marks

Introduction to Anaesthesia & OT Technology (RS-3)
Q.P. CODE: 3407

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Question No.2 Choice)

2 x 10 = 20 Marks

1. What is central sterile supply department (CCSD). Explain in detail about the different zones of CCSD with a neat labelled layout.
2. Explain in detail about the perioperative management of a 58 years old male patient posted for elective laparoscopic appendectomy.

OR

Explain the stages of general anaesthesia. Explain in detail about the systemic complications following general anaesthesia.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Laminar air flow.
 4. Lateral decubitus position.
 5. Pulse oximetry.
- OR**
- Flash autoclave.
 6. Biomedical waste management.
 7. Propofol-inducing agent.
 8. Sevoflurane – Inhalational anesthetic.
 9. Hand wash technique.
 10. Depolarising Vs Non depolarising muscle relaxants.

OR

- Gloving and Gowning technique.
11. Classify different types of surgical instruments according to their applications. Also write a short note on self retaining retractors.
12. Chemical sterilization.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Suction apparatus.
 14. Indications of central venous catheterization.
 15. Fowler's position.
- OR**
- Rose's position.
 16. Draw a neat labelled diagram of an endotracheal tube.
 17. Bupivacaine hydrochloride.
 18. Three examples of opioids.
 19. Three indications of intraoperative blood transfusion.
 20. What are oropharyngeal airways? Mention two indications of oral airways.

OR

- Neostigmine.
21. Classify local anesthetics.
22. ETCO2 monitoring.
