

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology**  
**Degree Examination – 30-Oct-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. What is Preanaesthetic evaluation? Describe how preanesthetic evaluation is carried out.
2. List the components of airway cart. Add a note on Supraglottic airway devices.
3. What is sterilization? What are the methods used for sterilization? Add a note on autoclaving.

**SHORT ESSAYS (Answer any ten)**

**10 x 5 = 50 Marks**

4. Epidural kit.
5. Drugs used for Premedication.
6. Lignocaine Hydrochloride different preparation and uses.
7. Care and maintenance of fiberoptic bronchoscope.
8. Preparation and positioning for spinal anaesthesia.
9. Oxygen supply in operation theatre.
10. Name various inhalational agents and describe briefly about sevoflurane.
11. Biomedical waste management.
12. What is decontamination? List the disinfectant agents used in OT. Add a note on surgical sprit.
13. What are the components of macintosh laryngoscope? List commonest problems arising in it.
14. Oxygen failure alarm.
15. What is dust? How it is removed from OT?

**SHORT ANSWER (Answer any ten)**

**10 x 3 = 30 Marks**

16. Propofol.
17. Succinyl choline.
18. Atropine.
19. Syringe.
20. Bain's circuit.
21. Ringer lactate solution.
22. Anaesthetic vaporizers.
23. Monitors used in post operative care unit.
24. Cleaning and care of section apparatus.
25. Protocol in case of infective material spillage.
26. Ketamine.
27. Lithotomy position and complications.

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