

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 04-Jun-2024

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. Explain detail about epidural anaesthesia, preparation of operation theatre and equipments needed.
2. What is Retrograde intubation? What are the indication and contraindications of difficult airway management devices. Add a note on Bougie.
3. Define Hypoxia. Types of hypoxia. Explain in detail classification of oxygen therapy equipments.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Care of a child in the recovery room after tonsillectomy.
5. Stages of anaesthesia.
6. Assisting tracheal intubation. Monitored anaesthesia care.
7. Precautions during surgery on HIV positive patients.
8. Preparation of OT for lap cholecystectomy.
9. Functional residual capacity.
10. What are the different methods to confirm the position of endotracheal tube?
11. Classification of muscle relaxants, duration of action and onset.
12. Laryngospasm.
13. Rapid sequence induction.
14. How to calculate perioperation fluid requirements for paediatric patients.
- 15.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. What are the uses of Etco₂?
17. Composition of Sodamine and Baryline.
18. Pethick test.
19. What are the aims of premedication?
20. Frusemide.
21. Blood groups and blood products.
22. Total spinal.
23. Neuromuscular monitoring.
24. HME filter.
25. Sodamine Canister.
26. RAE tubes.
27. Contraindications of spinal anaesthesia.
