

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree
Examination – 27-Nov-2023

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. Add a note on fluid management. What are the preoperative considerations? Maintenance requirement and surgical fluid losses.
2. What is Capnography? What are the principles, types, advantages and disadvantages of different types of capnography?
3. How do you prepare the patient and OT for Laparoscopic cholecystectomy?

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Admission to the post anaesthesia the care unit (PACU) anaesthesia.
5. OT fire and electrical mishap.
6. Concept of emergency surgeries and emergency preparedness in OT.
7. Technique of fibre optic intubation and preparation.
8. Risk factors and management of post-operative restlessness.
9. Criteria for discharge from PACU.
10. Packed Red Blood Cells (PRBC) transfusion.
11. Proseal LMA.
12. High spinal.
13. Echocardiography.
14. What are the basic monitoring required by ASA guidelines.
15. MAC (Minimal Alveolar Concentration).

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Bag and Mask Ventilation.
17. Local anaesthetic toxicity.
18. Laryngospasm.
19. What are the Blood components?
20. Use of Pressure bags.
21. Post Operative Nausea and Vomiting (PONV) treatment.
22. TENS in acute pain management.
23. Blood gas analysis.
24. IVF procedures.
25. Body temperature and shivering in paediatrics.
26. Raised ICT.
27. Parts of laryngoscope.
