

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 27-May-2025

Time: Three Hours

Max. Marks: 100 Marks

Anaesthesia & OT Technology – Advanced -PAPER-III

Q.P. CODE: 3395

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. How do you prepare operation theatre for patients posted for mass casualty incidents?
2. What are the things to be kept ready for neurosurgical procedure involving craniotomy and excision of tumour?
3. Describe the process involved in renal transplant.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. What are the requirements for a Hysteroscopic procedure?
5. Positioning the patient for endotracheal intubation.
6. Describe anaesthetic technique, endotracheal tube used, positioning and other requirements for a Radical Neck Dissection procedure.
7. What is a double lumen tube? What are the methods used to confirm its proper placement?
8. What is venturi mask? Mention the oxygen percentage that can be delivered with venturi mask?
9. What is ventilator associated pneumonia? List few simple methods measures that are effective in its prevention.
10. Describe position for percutaneous Nephro lithotripsy.
11. Explain pain management in terminally ill cancer patients.
12. Cardiopulmonary resuscitation.
13. What is free flap? List the requirements for free flap reconstruction surgery.
14. Write a brief note on post operative monitoring.
15. Drug abuse and withdrawal Alcohol, cocaine and opioids.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Name three vasodilator drugs.
17. Glasgow coma scale.
18. Infusion pump.
19. List emergency drugs.
20. Hand hygiene.
21. Status epilepticus.
22. Bed care.
23. Procedures at the bed side.
24. Colour coding of feeding tube.
25. Burn injury.
26. Echocardiography.
27. Neat labelled diagram of ET tube.