



Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anaesthesia Technology Degree Examination – 18 May-2023

Time: Three Hours

Max. Marks: 100 Marks

ANAESTHESIA TECHNOLOGY – APPLIED – PAPER-II (RS-3)

Q.P. CODE: 3272

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. Which are the anaesthetic agents no more in common use? Write a note on Ether, Anaesthetic properties and advantages of Ether.
2. Why are intravenous anaesthetics used in anaesthesia? Write the classification of IV anaesthetic agents. Treatment of Thiopentone's high alkalinity.

OR

Discuss the factors prolonging the neuromuscular blockade.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Management of Anticipated and Non Anticipated difficult intubation.
4. Signs of adequate reversal and causes of inadequate reversal.
5. What are the blocks of upper limb? Complications of supraclavicular approach.

OR

Intra operative complications of spinal anaesthesia and the treatment.

6. Modes of ventilation in detail.
7. Complications of mechanical ventilation and associated problems.
8. Rhythms of cardiac arrest.
9. Epinephrine, systemic effects metabolism.
10. B - Blockers, systemic effects, dose and uses.

OR

Management of respiratory failure.

11. Blocks of Thorax and Abdomen.
12. Opioid antagonists.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Uses of Buprenorphine.
14. Four components of balanced anaesthesia.
15. Yoke assembly.

OR

Mechanism of gas flow in an anaesthesia machine.

16. Indications of FFP.
17. Ringer lactate.
18. Airway resistance.
19. Comparison of the anatomy of the right and left bronchus.
20. Foreign body aspiration.

OR

Patient confirmation.

21. Management of transfusion reaction.
22. Post operative arrhythmias.
