

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Anaesthesia Technology Degree Examination – 03-Jun-2024

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. What are the commonly performed Nerve blocks and head and neck? Write about Stellate Ganglion blocks, signs of block and complications.
2. Indications of Epidural anaesthesia, epidural needles and the methods to locate epidural space.

OR

Expand MAC – Discuss in detail about Inhalational anaesthetic agents.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Systemic side effects of Controlled Hypotension and contraindications.
4. Methods of local analgesia.
5. Ropivacaine, systemic effects and anaesthetic properties.

OR

Factors prolonging the Neuromuscular blockade.

6. Systemic effects of depolarizing agents.
7. Succinyl choline.
8. Airway pressure.
9. Treatment of intraoperative MI.
10. Ephedrine dose and uses.

OR

Adrenaline, dose and uses.

11. History of anaesthesia.
12. Ketamine and dissociative anaesthesia.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Mallampatti classification.
14. Uses of Benzodiazepines.
15. ECG

OR

NIBP

16. Write some complications of CVP catheterization.
17. Reasons for Hypothermia.
18. How do you monitor the depth of anaesthesia?
19. TRIAD of general anaesthesia.
20. Nitrous oxide

OR

Tramadol.

21. Management of airway trauma.
22. Thermal and electrical injuries.
