

Rajiv Gandhi University of Health Sciences, Karnataka

Third Year B.Sc. Anaesthesia Technology Degree Examination – 22-May-2025

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. Classify muscle relaxants, add a note on depolarizing relaxants
2. Define Hypoxia, causes, clinical signs and management

OR

Enumerate opiod analgesics. Discuss any two in detail

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Propofol
 4. Nerve blocks
 5. Minimum alveolar concentration
- OR**
- Epidural anaesthesia - indications, methods and complications

6. Local anaesthetic systemic toxicity
7. Isoflurane
8. Causes of intraoperative bronchospasm and treatment
9. Neostigmine
10. Basic life support

OR

Stages of anaesthesia

11. Dopamine
12. Mallampati grading of airway

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Patterns of nerve stimulation
14. Causes of intraoperative tachycardia
15. Ketamine

OR

Thiopentone

16. Defibrillation
17. Name three benzodiazepines
18. Thermal injury during anaesthesia
19. Vecuronium Bromide
20. Antiarrhythmic drugs

OR

Causes of airway trauma

21. Backup ventilation
22. Accidents during anaesthesia
