

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

Time: Three Hours

Max. Marks: 100

ANAESTHESIA TECHNOLOGY - ADVANCED – PAPER – III (RS-3)

Q.P. CODE: 3273

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. Explain various methods of regional analgesia for labour and vaginal delivery. Write a note on walking epidural analgesia
2. Explain various positioning of patients for different surgeries and their complications

OR

Anaesthetic management of four year old girl posted for emergency Bronchoscopy for removal of foreign body which is dislodged in to right main bronchus

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Hypotension after spinal anaesthesia in a pregnant patient
 4. Describe arterial cannulation and its complications
 5. Basic Life Support (BLS) "In the hospital and out of the hospital"
- OR**
- Neonatal resuscitation
6. Post Dural Puncture Headache (PDPH), What is it? How to evaluate it and manage PDPH?
 7. Anesthetic considerations in obesity
 8. Anaphylactic shock, intraoperative diagnosis and management
 9. Central Venous Pressure (CVP) monitoring, techniques, implications, sites and complications
 10. Intra-arterial blood pressure monitoring
- OR**
- Venous air embolism – causes, management, prevention
11. Complications of spinal anaesthesia
 12. Diagnosis and management of acute severe asthma, intraoperatively

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Double lumen tube
 14. Aerosol therapy
 15. Atropine
- OR**
- Ketamine
16. Calculate the maintenance fluids for a 10 kg old child
 17. Pulse oximetry
 18. Thyroid storm
 19. Difference between paediatric and adult airway
 20. I-gel
- OR**
- Bier's block
21. Electrocardiogram (ECG)
 22. Laryngospasm
