

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Third Year B.Sc. Anaesthesia Technology Degree Examination – 27-Nov-2024**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**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. Discuss Neonates resuscitation in detail
2. Discuss Anaesthetic management of Morbid obesity. Explain body mass index

**OR**

Discuss anaesthetic management of ischemic heart disease. Explain angina pectoris

**SHORT ESSAYS (Question No.5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Positioning under anaesthesia
  4. Anaphylaxis
  5. Double lumen tubes
- OR**
6. Classify arrhythmias and discuss about their management
  7. Reversal and extubation problems in open heart surgery
  8. Post dual puncture headache
  9. Precautions for patients with HIV
  10. Paediatric pre-medication

**OR**

Setting up of monitoring system

11. Bronchospasm
12. Air embolism

**SHORT ANSWER (Question No. 15 & 20 choice)**

**10 x 3 = 30 Marks**

13. Anaesthesia for Bronchoscopy
  14. Aortocaval compression
  15. Vasodilators
- OR**
16. Acute transfusion reactions
  17. Complications of spinal anaesthesia in obstetric patients
  18. Intra Cranial Pressure (ICP)
  19. Tourniquet effects
  20. Ayre's t-piece

**OR**

Precautions during intra hospital transfer of patients

21. Deep Vein Thrombosis (DVT)
22. Systemic Hypertension

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