

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Third Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree**  
**Examination – 25-Nov-2024**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Anaesthesia & OT Technology – Applied -PAPER-II**  
**Q.P. CODE: 3394**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS (Answer any two)**

**2 x 10 = 20 Marks**

1. Describe preoperative preparations of the patients undergoing MRI procedures – safety considerations, monitoring issues and anaesthetic management
2. Discuss the difficult airway management in detail
3. Explain the monitoring of patient for general anaesthesia

**SHORT ESSAYS (Answer any ten)**

**10 x 5 = 50 Marks**

4. Emergency intubation
5. Electrocautery
6. Describe the regional blocks techniques
7. Precautions in blood transfusion and complications
8. Blood gas analysis
9. Monitoring the depth of anaesthesia
10. How the informed consent is taken? What are the indications for informed consent?
11. Anaphylaxis
12. Fluid requirement maintenance
13. TURP syndrome
14. IVF procedure
15. Patient controlled analgesia (PCA)

**SHORT ANSWER (Answer any ten)**

**10 x 3 = 30 Marks**

16. Complications of local anaesthesia
17. List few interventional procedures
18. Labour analgesia
19. Indications of epidural anaesthesia
20. Postoperative nausea and vomiting (PONV)
21. Assessment of blood loss
22. Criteria for discharge in PACU
23. Indications of defibrillations
24. Care of anaesthetized patient in OTT
25. Management of intraoperative hypotension
26. Capnography
27. Neuroleptanalgesia

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