

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

**Time: Three Hours**

**Max. Marks: 100 Marks**

**APPLIED OPERATION THEATRE TECHNOLOGY**  
**PAPER - II (RS2)**  
**Q.P. CODE: 2927**

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. Explain monitoring of patient under general anesthesia in detail
2. Indications of blood transfusion. Intraoperative complications and its management
3. Explain endotracheal intubation, indications, procedure, equipment and complications

**SHORT ESSAYS (Answer any Ten)**

**10 x 5 = 50 Marks**

4. Classify breathing circuits. Explain Bain's circuit and write its advantages
5. Blood loss measurement
6. MRI – merits and demerits
7. Epidural anesthesia
8. Care of anesthetized patients
9. Spinal Anaesthetic adjuvants
10. Classify local anesthetics. Briefly explain Lignocaine
11. Complications of spinal anesthesia
12. Explain Propofol and write uses
13. Maintenance of asepsis in OT
14. Day care surgery
15. Gastroscope

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

16. C-arms
17. Dobutamine
18. Ketamine
19. Sevoflurane
20. Atracurium
21. CT scan
22. Mammography
23. Why preoxygenation is required before induction in anesthesia?
24. Pulse Oxymeter
25. Balanced anesthesia
26. Capnography
27. ABG analyses

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