

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc Operation Theatre Technology Degree Examination – 27-Nov-2023**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**OPERATION THEATRE TECHNOLOGY – APPLIED- PAPER-II (RS-3)**

**Q.P. CODE: 3409**

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 the safety features in anaesthesia machine.
2. Classify suture materials. Briefly describe various types, sizes and uses of suture materials.

**OR**

Explain intraoperative monitoring of a patient on spinal anaesthesia.

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

**10 x 5 = 50 Marks**

3. OT sterilization.
4. C arm.
5. Intravenous induction agents.

**OR**

Inhalational anaesthetic agents.

6. Indication and contraindications of general anaesthetics.
7. Types of breathing circuits.
8. Biopsy- Indications and types.
9. PET scan.
10. Balanced anaesthesia.

**OR**

Complications of general anaesthesia.

11. Emergency drugs in Crash Cart.
12. Indication and complications of blood transfusion.

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

**10 x 3 = 30 Marks**

13. Name three local anaesthetic agents.
14. Name three complications of Succinyl Choline.
15. LMA

**OR**

Stylette.

16. Myopyrolate.
17. ETCO<sub>2</sub>
18. Malampatti score.
19. Ketamine.
20. Types of laryngoscope blades.

**OR**

Types of ET tubes.

21. Suction drain – uses.
22. Ultrasound of abdomen – three uses.

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