

# Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc Operation Theatre Technology Degree Examination – 08-May-2026

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. Pre-operative assessment, goals, history and physical examination for surgery.
2. Monitoring in anaesthesia, basic and advanced monitor.

**OR**

General anaesthesia protocol for normal healthy patients.

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

10 x 5 = 50 Marks

3. Factors affecting MAC (Minimum Alveolar Concentration).
4. High pressure system.
5. Desflurane.

**OR**

Mechanism of action of opioids.

6. General considerations in action of local anaesthetics.
7. Beir's Block.
8. Structures encountered during spinal anaesthesia.
9. Methods of locate epidural space.
10. History of anaesthesia briefly.

**OR**

Types of anaesthesia.

11. Indication and contraindications of blood transfusion.
12. Central gas supply.

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

10 x 3 = 30 Marks

13. Mallampati classification.
14. Sevoflurane.
15. Blood pressure monitoring.

**OR**

O<sub>2</sub> cylinder.

16. Post dural headache.
17. Types of ET tubes.
18. Causes of Hypoxia.
19. Colour coding of cylinders.
20. Ether.

**OR**

Tramadol.

21. Bains circuit.
22. Oxygen Flush.

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